

# Workshop 5ης εβδομάδας

## Ο πρώτος μας κριτής

Δημοσθένης Νικούδης



# Στόχος

- Θα επεκτείνουμε τον κώδικα του προηγούμενου workshop ώστε να υλοποιηθεί ένας πρώτος “μινιμαλιστικός” κριτής
- Ο καθηγητής θα μπορεί να ορίζει σενάρια με input και expected output και ο κριτής δε θα βαθμολογεί πλέον μόνο με 10, αλλά κανονικά
- Θα ασχοληθούμε τόσο με κώδικα PHP όσο και με Javascript

# Προσθήκη στήλης στον πίνακα assignments

- Θα προσθέσουμε στον πίνακα assignments τη στήλη auto\_judge\_scenarios (VARCHAR (1024))
- Σε αυτή τη στήλη θα αποθηκεύονται τα σενάρια που όρισε ο καθηγητής
- Τα σενάρια αποθηκεύονται σε serialized μορφή (<http://php.net/manual/en/function.serialize.php>)

# Προσθήκη στήλης στον πίνακα assignments

The screenshot shows the phpMyAdmin interface for a MySQL database named 'eclass'. The current table being viewed is 'assignment'. The 'Structure' tab is active, displaying the table's schema. A new column, 'auto\_judge\_scenar', is being added with the following specifications:

Name	Type	Length/Values	Default	Collation	Attributes	Null	Index	A.I	Comments	MIME
auto_judge_scenar	VARCHAR	1024	None			<input checked="" type="checkbox"/>	---	<input type="checkbox"/>		

A 'Save' button is visible at the bottom right of the structure editor.

# Προσθήκη στήλης στον πίνακα assignments

The screenshot shows the phpMyAdmin interface in a Mozilla Firefox browser. The address bar indicates the server is localhost and the database is eclass. The current table being edited is 'assignment'. A green success message at the top states: "Table assignment has been altered successfully". Below this, the SQL query used for the alteration is displayed: `ALTER TABLE 'assignment' ADD 'auto_judge_scenarios' VARCHAR(1024) NULL ;`. The left sidebar shows a list of tables in the database, including 'assignment', 'assignment\_submit', 'attendance', 'course', and many others. The bottom of the screen shows the Linux desktop environment with various icons and a system tray.

# Εύρεση κώδικα του auto-judge checkbox

- Βρίσκουμε τον κώδικα για το Auto-Judge checkbox που είχαμε προσθέσει στο interface δημιουργίας εργασίας στο προηγούμενο workshop
- Αρχείο `modules/work/index.php` γραμμή ~607

# Εύρεση κώδικα του auto-judge checkbox

The image shows a screenshot of the Bluefish 2.2.5 text editor. The window title is "index.php (/home/myadmin/Downloads/index.php) - Bluefish 2.2.5". The editor is displaying PHP code for an "Auto-judge" section. The code includes a checkbox with the following attributes: `<input type='checkbox' id='auto_judge' name='auto_judge' value='1' checked='1' />`. Below the checkbox, there is a table with a header row and a body row. The table is styled with `width='99%' align='center' class='tbl white'`. The header row has a single cell with the text "Auto-judge:". The body row contains a table with three columns: "assignees", "LangStudents", and "LangMove". The "LangMove" column contains a button with the text "Move". The "assignees" column contains a select box with the id "assign\_box" and size "15". The "LangMove" column contains a button with the text "Move". The "assignees" column contains a select box with the id "assignee\_box" and name "ingroup[]".

```
597 <td><input type='radio' id='user_button' name='group_submissions' value='0' checked='1' /><label for='user_button'>>[user_work]</label>
598 <br /><input type='radio' id='group_button' name='group_submissions' value='1' /><label for='group_button'>>[group_work]</label></td>
599 </tr>
600 <tr>
601 <th>>[WorkAssignTo]:</th>
602 <td><input type='radio' id='assign_button_all' name='assign_to_specific' value='0' checked='1' /><label for='assign_button_all'>>[AssignAll]</label>
603 <br /><input type='radio' id='assign_button_some' name='assign_to_specific' value='1' /><label for='assign_button_some'>>[WorkToUser]</label></td>
604 </tr>
605 <tr>
606 <th>Auto-judge:</th>
607 <td><input type='checkbox' id='auto_judge' name='auto_judge' value='1' checked='1' /></td>
608 </tr>
609 <tr id='assignees_tbl' style='display:none;'>
610 <th class='left' valign='top'></th>
611 <td>
612 <table width='99%' align='center' class='tbl white'>
613 <tr class='title'>
614 <td id='assignees'>>[LangStudents]</td>
615 <td width='100%' class='center'>>[LangMove]</td>
616 <td class='center'>>[WorkAssignTo]</td>
617 </tr>
618 <tr>
619 <td>
620 <select id='assign_box' size='15' style='width:180px' multiple>
621
622 </select>
623 </td>
624 <td class='center'>
625 <input type='button' onClick='\>move('assign_box','assignee_box')\>' value=' >&gt;' /><br /><input type='button' onClick='\>move('assignee_box','assign_box')\>' value=' <<' />
626 </td>
627 <td class='right'>
628 <select id='assignee_box' name='ingroup[]' size='15' style='width:180px' multiple>
629
630 </select>
631 </td>
632 </tr>
633 </tr>
```

# Προσθήκη κώδικα για τον πίνακα δημιουργίας σεναρίων

- Μέσα στη στήλη αυτή προσθέτουμε τον κώδικα που θα εμφανίζει τον πίνακα δημιουργίας σεναρίων
- Προς το παρόν θα έχει μόνο μια γραμμή και θα εμφανίζεται συνέχεια – αυτό θα διορθωθεί σε επόμενο βήμα με τη βοήθεια Javascript



# Προσθήκη κώδικα του πίνακα δημιουργίας σεναρίων

```

/var/www/html/openeclass/modules/work/index.php - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

index.php
630 <br /><input type='radio' id='group_button' name='group_submissions' value='1' /><label for='group_button'>{$m[group_work]}</label></td>
631 </tr>
632 <tr>
633 <th>{$m[WorkAssignTo]}</th>
634 <td><input type='radio' id='assign_button_all' name='assign_to_specific' value='0' checked='1' /><label for='assign_button_all'>Όλους</label>
635 <br /><input type='radio' id='assign_button_some' name='assign_to_specific' value='1' /><label for='assign_button_some'>{$m[WorkToUser]}</label></td>
636 </tr>
637 <tr>
638 <th>Auto-judge:</th>
639 <td>
640 <input type='checkbox' id='auto_judge' name='auto_judge' value='1' checked='1' />
641 <table>
642 <thead>
643 <tr>
644 <th>Input</th>
645 <th>Expected Output</th>
646 <th>Delete</th>
647 </tr>
648 </thead>
649 <tbody>
650 <tr>
651 <td><input type='text' name='auto_judge_scenarios[0][input]' /></td>
652 <td><input type='text' name='auto_judge_scenarios[0][output]' /></td>
653 <td><a href='#' class='autojudge_remove_scenario' style='display: none;'>X</a></td>
654 </tr>
655 <tr>
656 <td></td>
657 <td></td>
658 <td><input type='submit' value='Νέο σενάριο' id='autojudge_new_scenario' /></td>
659 </tr>
660 </tbody>
661 </table>
662 </td>
663 </tr>
664 <tr id='assignees_tbl' style='display:none;'>
665 <th class='left' valign='top'></th>
666 <td>
667 <table width='99%' align='center' class='tbl_white'>
668 <tr class='title1'>
669 <td id='assignees'>{$langStudents}</td>
670 <td width='100%' class='center'>{$langMove}</td>
671 <td class='center'>{$m[WorkAssignTo]}</td>
672 </tr>
673 </table>

```

21 lines, 881 characters selected

Tab Size: 4 PHP







Menu Open eClass | Com... Pictures html work [Dimosthenis Niko... [Terminal] /var/www/html/op... 100% 21:52

# Εμφάνιση πίνακα

The screenshot displays the Open eClass interface in a Mozilla Firefox browser. The page title is "Open eClass | Computer Science | Εργασίες". The user is logged in as "Χρήστης: Διαχειριστής Πλατφόρμας, Έξοδος". The main content area shows the "Computer Science" course page with a table of assignments. The table has columns for "Τίτλος", "Υποβλ.", "Μη βαθμ.", "Προβασίμια υποβολής", and "Ενέργειες".

Computer Science  
Εργασίες (Απενεργοποίηση)

Διαμορφώ Εργασίες

Τίτλος	Υποβλ.	Μη βαθμ.	Προβασίμια υποβολής	Ενέργειες
• Hello world	1		Χωρίς Προβασίμια	  
• hello world no auto_judge	1	1	Χωρίς Προβασίμια	  

The interface also includes a sidebar with navigation options like "Ενεργά εργαλεία" (Active tools) and "Ανεργά εργαλεία" (Inactive tools), and a search bar at the top right.

# Εμφάνιση πίνακα

Open eClass | Computer Science | Εργασίες | Δημιουργία Εργασίας - Mozilla Firefox

127.0.0.1 / lo... GitHub Μονάδες Αρια... snf-589418.v... Open eClas... x Μονάδες Αρια... Μάθημα: Χτιζ... Inbox - g.dem... Inbox - demos... Ello | A Simple... Ellak\_Dimosth...

127.0.0.1/openeclass/modules/work/index.php?course=TMAPOST100&add=1

Most Visited Linux Mint Community Forums Blog News ΤΗΛΕΚΠΑΙΔΕΥΣΗ

Ανεργά εργαλεία

- Πολιμέσα
- Συζητήσεις
- Ομάδες Χρηστών
- Γλωσσάριο
- Ηλεκτρονικό Βιβλίο
- Καυβεντούλα
- Ερωτηματολόγια
- Γραμμή Μάθησης
- Σύστημα Wiki
- Παρουσιολόγιο
- Βαθμολόγιο
- Τηλεδιάσκηψη
- Ιστολόγιο

Διαχείριση Μαθήματος

- Ρυθμίσεις
- Χρήστες
- Στατιστικά
- Εργαλεία

Αρχείο:  No file selected.

Μέγιστη βαθμολογία:

Προθεσμία υποβολής:

- Χωρίς προθεσμία
- Με προθεσμία Υποβολής

Τύπος εργασίας:

- Ατομική
- Ομαδική

Ανάθεση σε:

- Όλους
- Συγκεκριμένους Εκπαιδευόμενους

Auto-judge:

Input:  Expected Output:  Delete:

[Επιστροφή](#)

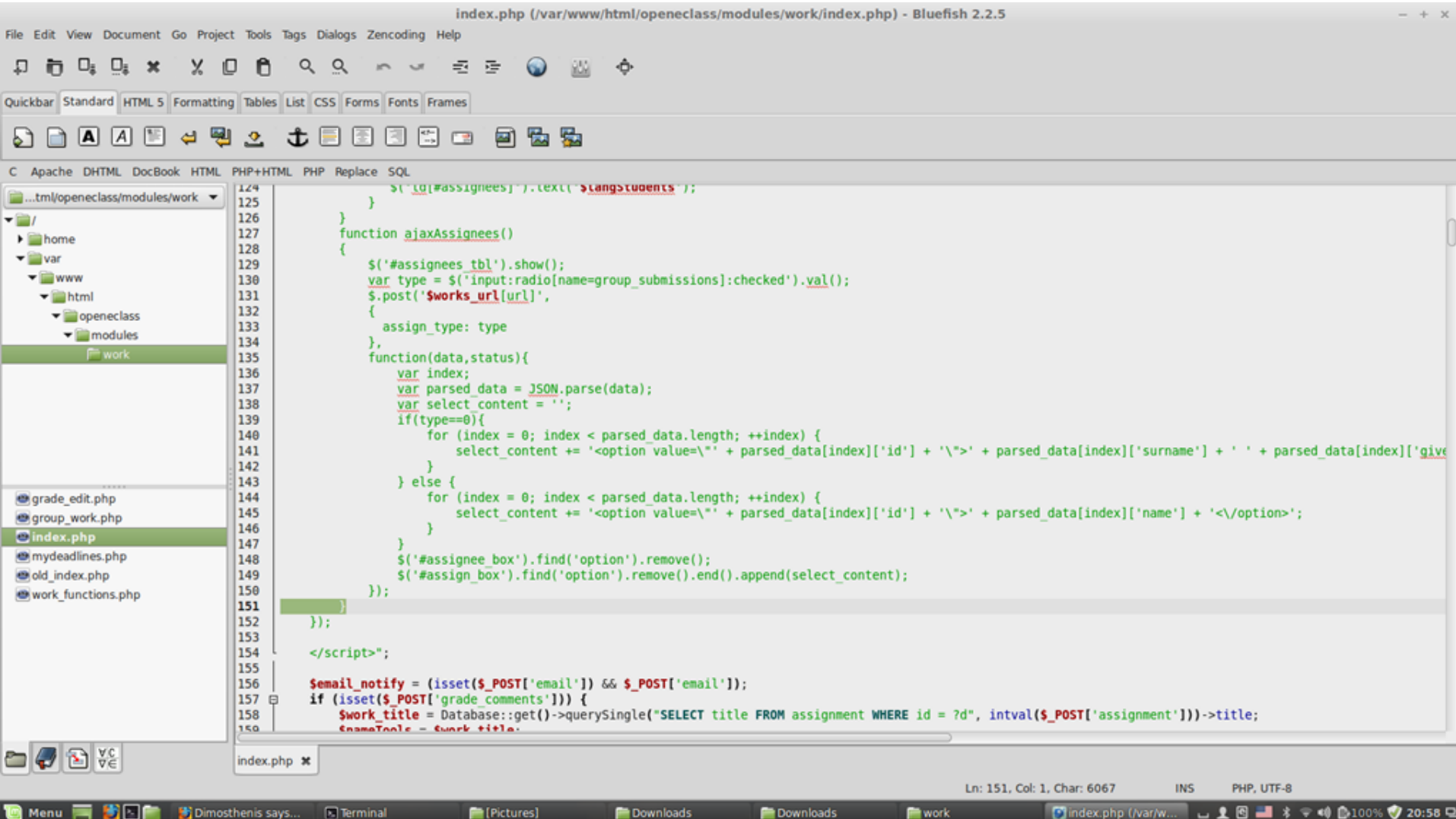
GU nct Πληροφορίες Πνευματικών Δικαιωμάτων POWERED BY OPEN eCLASS

Menu Open eClass | Com... Terminal [Pictures] Downloads Downloads work 100% 20:56

# Εύρεση των Javascript της σελίδας

- Τα Javascript της σελίδας ορίζονται inline στο ίδιο αρχείο, γραμμή ~151
- Θα προσθέσουμε κώδικα που εμφανίζει/εξαφανίζει τον πίνακα ανάλογα αν είναι checked το Auto-Judge checkbox
- Στη συνέχεια θα προσθέσουμε τον κώδικα που χειρίζεται το κουμπί «Νέο Σενάριο» καθώς και τη διαγραφή από τον πίνακα

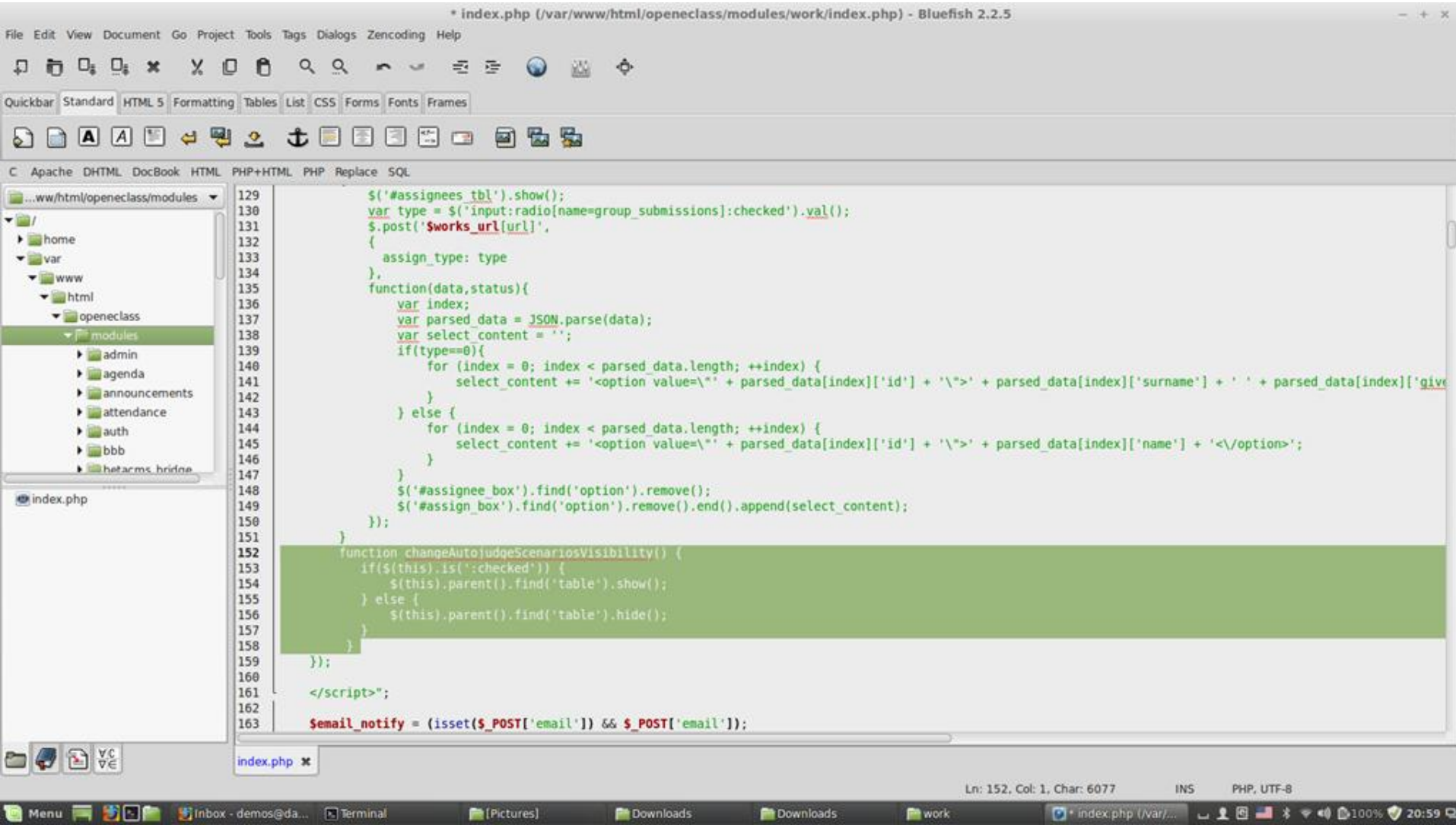
# Εύρεση των Javascript της σελίδας



The screenshot shows a web browser window displaying the source code of a page. The browser's developer tools are open, showing the source code of the page. The code is PHP and JavaScript. The JavaScript function `ajaxAssignees()` is highlighted. The browser's address bar shows the URL `index.php (/var/www/html/openclass/modules/work/index.php) - Bluefish 2.2.5`. The browser's menu bar includes File, Edit, View, Document, Go, Project, Tools, Tags, Dialogs, Zencoding, and Help. The browser's toolbar includes icons for back, forward, home, stop, refresh, print, and search. The browser's status bar shows the current line, column, and character position: `Ln: 151, Col: 1, Char: 6067`. The browser's language is set to `INS` and the encoding is `PHP, UTF-8`. The browser's taskbar shows the following applications: Menu, Terminal, Dimosthenis says..., Pictures, Downloads, Downloads, work, index.php (/var/w...

```
124 <script>$('#assignees').text('<lang>students');
125
126 }
127 function ajaxAssignees()
128 {
129     $('#assignees_tbl').show();
130     var type = $('input:radio[name=group_submissions]:checked').val();
131     $.post('$works_url[url]',
132     {
133         assign_type: type
134     },
135     function(data,status){
136         var index;
137         var parsed_data = JSON.parse(data);
138         var select_content = '';
139         if(type==0){
140             for (index = 0; index < parsed_data.length; ++index) {
141                 select_content += '<option value="' + parsed_data[index]['id'] + "\"> + parsed_data[index]['surname'] + ' ' + parsed_data[index]['give
142             }
143         } else {
144             for (index = 0; index < parsed_data.length; ++index) {
145                 select_content += '<option value="' + parsed_data[index]['id'] + "\"> + parsed_data[index]['name'] + '</option>';
146             }
147         }
148         $('#assignee_box').find('option').remove();
149         $('#assign_box').find('option').remove().end().append(select_content);
150     });
151
152 });
153
154 </script>;
155
156 $email_notify = (isset($_POST['email']) && $_POST['email']);
157 if (isset($_POST['grade_comments'])) {
158     $work_title = Database::get()->querySingle("SELECT title FROM assignment WHERE id = ?d", intval($_POST['assignment']))->title;
159     $nameTools = $work_title;
```

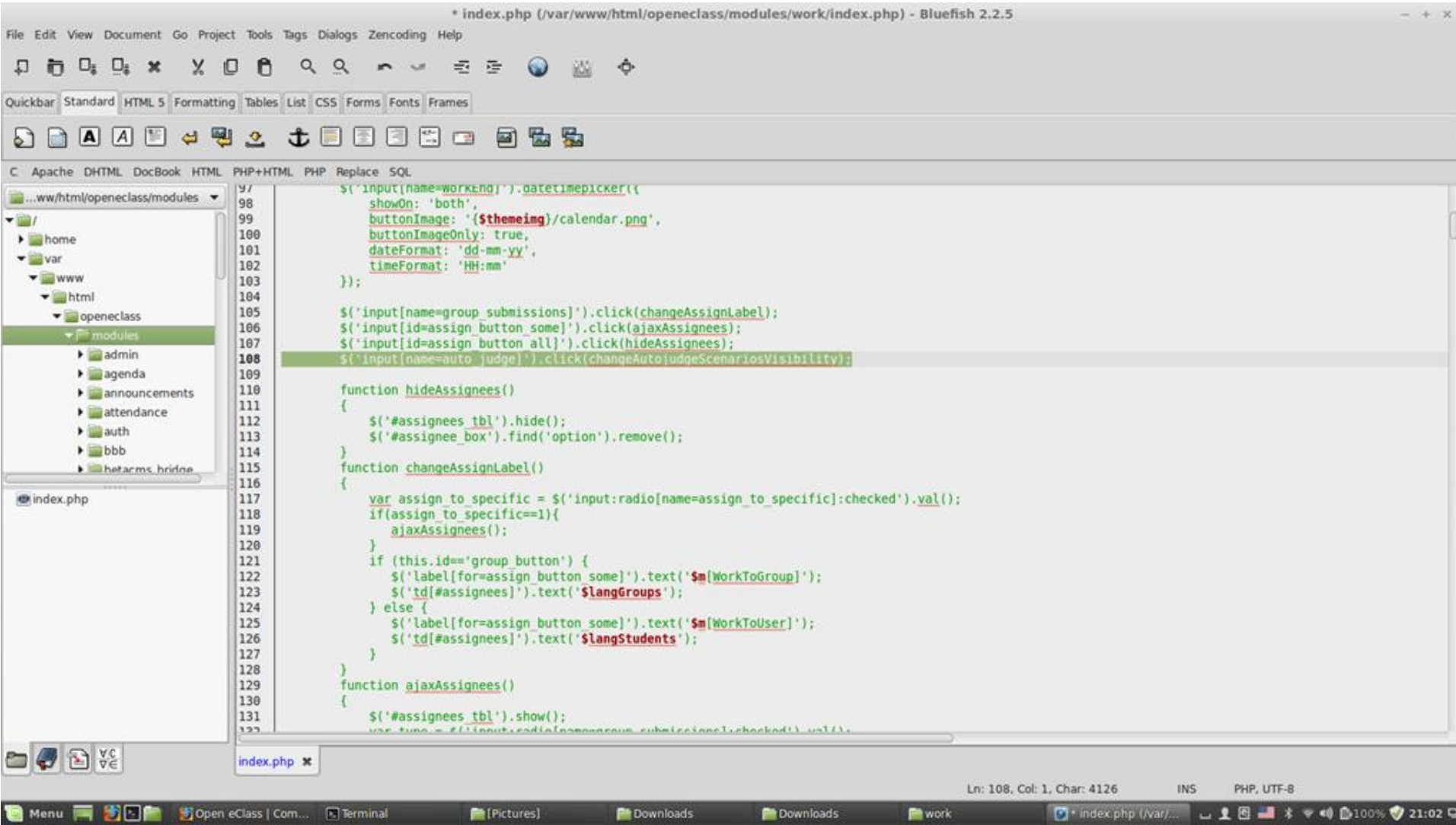
# Προσθήκη εμφάνισης/εξαφάνισης πίνακα ανάλογα το checkbox



```
index.php (/var/www/html/openeclass/modules/work/index.php) - Bluefish 2.2.5
File Edit View Document Go Project Tools Tags Dialogs Zencoding Help
Quickbar Standard HTML 5 Formatting Tables List CSS Forms Fonts Frames
C Apache DHTML DocBook HTML PHP+HTML PHP Replace SQL
...ww/html/openeclass/modules
  /
  home
  var
  www
  html
  openeclass
  modules
  admin
  agenda
  announcements
  attendance
  auth
  bbb
  hetaroms_bridge
index.php
129     $('#assignees_tbl').show();
130     var type = $('input:radio[name=group_submissions]:checked').val();
131     $.post('$works_url[url]',
132     {
133         assign_type: type
134     },
135     function(data,status){
136         var index;
137         var parsed_data = JSON.parse(data);
138         var select_content = '';
139         if(type==0){
140             for (index = 0; index < parsed_data.length; ++index) {
141                 select_content += '<option value="' + parsed_data[index]['id'] + "\"> + parsed_data[index]['surname'] + ' ' + parsed_data[index]['give
142             }
143         } else {
144             for (index = 0; index < parsed_data.length; ++index) {
145                 select_content += '<option value="' + parsed_data[index]['id'] + "\"> + parsed_data[index]['name'] + '</option>';
146             }
147         }
148         $('#assignee_box').find('option').remove();
149         $('#assign_box').find('option').remove().end().append(select_content);
150     });
151 }
152 function changeAutoJudgeScenariosVisibility() {
153     if($(this).is(':checked')) {
154         $(this).parent().find('table').show();
155     } else {
156         $(this).parent().find('table').hide();
157     }
158 }
159 });
160
161 </script>;
162
163 $email_notify = (isset($_POST['email']) && $_POST['email']);
```

Ln: 152, Col: 1, Char: 6077    INS    PHP, UTF-8

# Προσθήκη εμφάνισης/εξαφάνισης πίνακα ανάλογα το checkbox



The image shows a screenshot of the Bluefish 2.2.5 text editor. The window title is "index.php (/var/www/html/openeclass/modules/work/index.php) - Bluefish 2.2.5". The editor displays PHP code with the following structure:

```
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```

The code includes a date picker initialization, several click event handlers, and three functions: `hideAssignees()`, `changeAssignLabel()`, and `ajaxAssignees()`. The `changeAssignLabel()` function uses a checkbox to toggle the visibility of a table.

```
$('#input[name=workend]').datepicker({
    showOn: 'both',
    buttonImage: '{themeing}/calendar.png',
    buttonImageOnly: true,
    dateFormat: 'dd-mm-yy',
    timeFormat: 'HH:mm'
});

$('#input[name=group_submissions]').click(changeAssignLabel);
$('#input[id=assign_button_some]').click(ajaxAssignees);
$('#input[id=assign_button_all]').click(hideAssignees);
$('#input[name=auto_judge]').click(changeAutoJudgeScenariosVisibility);

function hideAssignees()
{
    $('#assignees_tbl').hide();
    $('#assignee_box').find('option').remove();
}

function changeAssignLabel()
{
    var assign_to_specific = $('#input:radio[name=assign_to_specific]:checked').val();
    if(assign_to_specific==1){
        ajaxAssignees();
    }
    if (this.id=='group_button') {
        $('#label[for=assign_button_some]').text('${WorkToGroup}');
        $('#td[assignees]').text('${LangGroups}');
    } else {
        $('#label[for=assign_button_some]').text('${WorkToUser}');
        $('#td[assignees]').text('${LangStudents}');
    }
}

function ajaxAssignees()
{
    $('#assignees_tbl').show();
    var func = $('#input:radio[name=group_submissions]:checked').val();
```

# Κώδικας λειτουργίας κουμπιών προσθήκης/διαγραφής σεναρίων

```

/var/www/html/openeclass/modules/work/index.php - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help
index.php
151     $('#assign_box').find('option').remove().end().append(select_content);
152     });
153 }
154 function changeAutojudgeScenariosVisibility() {
155     if($(this).is(':checked')) {
156         $(this).parent().find('table').show();
157     } else {
158         $(this).parent().find('table').hide();
159     }
160 }
161 // Add row
162 $('#autojudge_new_scenario').click(function(e) {
163     var rows = $(this).parent().parent().parent().find('tr').size()-1;
164     // Clone the first line
165     var newLine = $(this).parent().parent().parent().find('tr:first').clone();
166     // Replace 0 with the line number
167     newLine.html(newLine.html().replace(/auto_judge_scenarios\[0\]/g, 'auto_judge_scenarios['+rows+']'));
168     // Initialize the remove event and show the button
169     newLine.find('.autojudge_remove_scenario').show();
170     newLine.find('.autojudge_remove_scenario').click(removeRow);
171     // Insert it just before the final line
172     newLine.insertBefore($(this).parent().parent().parent().find('tr:last'));
173     e.preventDefault();
174     return false;
175 });
176 // Remove row
177 function removeRow(e) {
178     $(this).parent().parent().remove();
179     e.preventDefault();
180     return false;
181 }
182 $('.autojudge_remove_scenario').click(removeRow);
183 });
184
185 </script>;
186
187 $email_notify = (isset($_POST['email']) && $_POST['email']);
188 if (isset($_POST['grade_comments'])) {
189     $work_title = Database::get()->querySingle("SELECT title FROM assignment WHERE id = ?d", intval($_POST['assignment']))->title;
190     $nameTools = $work_title;
191     $navigation[] = $works_url;
192     submit_grade_comments($_POST['assignment'], $_POST['submission'], $_POST['grade'], $_POST['comments'], $email_notify);
193 } elseif (isset($_GET['add'])) {
194     $nameTools = $langNewAssign;
195 }

```

2 lines, 111 characters selected

Tab Size: 4 PHP

Menu [Inbox - g.demos... Pictures html work Dimosthenis Nikou... Terminal /var/www/html/op...

100% 22:28



# Προσθήκη κώδικα αποθήκευσης των σεναρίων στη βάση

- Έχοντας ενσωματώσει τον πίνακα σεναρίων στο interface καθηγητή, πρέπει να προστεθεί και η κατάλληλη λειτουργικότητα για αποθήκευση τους στη βάση
- Βρίσκουμε τη γραμμή ~361 και προσθέτουμε μια ακόμα μεταβλητή με τα serialized δεδομένα
- Στη συνέχεια τροποποιούμε το query που καταχωρεί την εργασία στη βάση ώστε να προσθέτει και αυτά τα δεδομένα

# Κώδικας που ανακτά τα σενάρια του χρήστη και τα κάνει serialize για αποθήκευση στη βάση

```

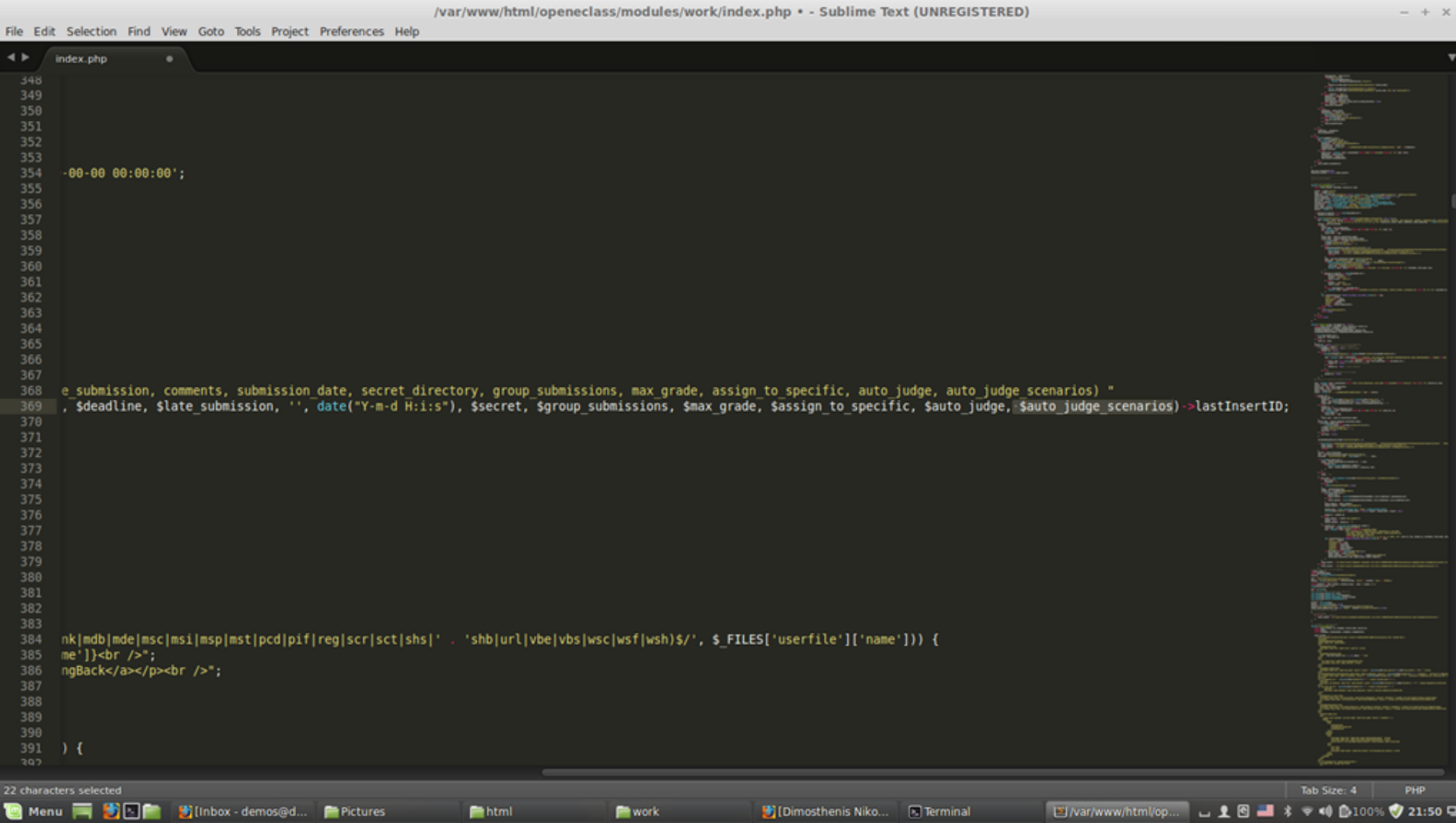
/var/www/html/openecclass/modules/work/index.php - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

index.php
348 // insert the assignment into the database
349 function add_assignment() {
350     global $tool_content, $workPath, $course_id, $uid;
351
352     $title = $ POST['title'];
353     $desc = $ POST['desc'];
354     $deadline = (trim($ POST['WorkEnd'])!=FALSE) ? date('Y-m-d H:i', strtotime($ POST['WorkEnd'])) : '0000-00-00 00:00:00';
355     $late_submission = ((isset($ POST['late_submission']) && trim($ POST['WorkEnd'])!=FALSE) ? 1 : 0);
356     $group_submissions = filter_input(INPUT_POST, 'group_submissions', FILTER_VALIDATE_INT);
357     $max_grade = filter_input(INPUT_POST, 'max_grade', FILTER_VALIDATE_FLOAT);
358     $assign_to_specific = filter_input(INPUT_POST, 'assign to specific', FILTER_VALIDATE_INT);
359     $assigned_to = filter_input(INPUT_POST, 'ingroup', FILTER_VALIDATE_INT, FILTER_REQUIRE_ARRAY);
360     $auto_judge = filter_input(INPUT_POST, 'auto judge', FILTER_VALIDATE_INT);
361     $auto_judge_scenarios = serialize($ POST['auto_judge_scenarios']);
362     $secret = uniqid('');
363
364     if ($assign_to_specific == 1 && empty($assigned_to)) {
365         $assign_to_specific = 0;
366     }
367     if (@mkdir("$workPath/$secret", 0777) && @mkdir("$workPath/admin files/$secret", 0777, true)) {
368         $id = Database::get()->query("INSERT INTO assignment (course id, title, description, deadline, late submission, comments, submission date, secret directory, group
369             VALUES (?d, ?s, ?s, ?t, ?d, ?s, ?t, ?s, ?d, ?d, ?d)", $course_id, $title, $desc, $deadline, $late_submission, '', date("Y-m-d H:i:s"), $secret, $gro
370         $secret = work_secret($id);
371         if ($id) {
372             $local_name = uid to name($uid);
373             $am = Database::get()->querySingle("SELECT am FROM user WHERE id = ?d", $uid)->am;
374             if (empty($am)) {
375                 $local_name = $am;
376             }
377             $local_name = greek_to_latin($local_name);
378             $local_name = replace_dangerous_char($local_name);
379             if (!isset($ FILES) || !$ FILES['userfile']['size']) {
380                 $ FILES['userfile']['name'] = '';
381                 $ FILES['userfile']['tmp_name'] = '';
382             } else {
383                 validateUploadedFile($ FILES['userfile']['name'], 2);
384                 if (preg_match('/\.(ade|adp|bas|bat|chm|cmd|com|cpl|crt|exe|hlp|hta|'. 'inf|ins|isp|jse|lnk|mdb|mde|msc|msi|msp|mst|pcd|pif|reg|scr|sct|shs|'. 'shb|url|v
385                     $tool_content .= "<p class='\"caution\"'>$langUnwantedFiletype: {$ FILES['userfile']['name']}<br />";
386                     $tool_content .= "<a href='\"$ _SERVER[SCRIPT_NAME]?course=$course_code&id=$id\">$langBack</a></p>";
387                 return;
388             }
389             $sxt = get_file_extension($ FILES['userfile']['name']);
390             $filename = "$secret/$local_name". (empty($sxt) ? '' : ".$sxt");
391             if (move_uploaded_file($ FILES['userfile']['tmp_name'], "$workPath/admin files/$filename")) {
392                 @chmod("$workPath/admin files/$filename" 0644);
393             }
394         }
395     }
396 }
397
70 characters selected
Tab Size: 4 PHP
Menu [Inbox - demos@da... [Downloads] html work Dimosthenis Nikou... Terminal /var/www/html/op... 100% 21:48
```

# Αλλαγή του query ώστε να αποθηκεύει τα serialized σενάρια

```
File Edit Selection Find View Goto Tools Project Preferences Help
/var/www/html/openecclass/modules/work/index.php - Sublime Text (UNREGISTERED)
index.php
348 he assignment into the database
349 d.assignment() {
350 $tool_content, $workPath, $course_id, $suid;
351
352 = $ POST['title'];
353 $ POST['desc'];
354 ne = (trim($ POST['WorkEnd'])!=FALSE) ? date('Y-m-d H:i', strtotime($ POST['WorkEnd'])) : '0000-00-00 00:00:00';
355 ubmission = ((isset($ POST['late_submission']) && trim($ POST['WorkEnd'])!=FALSE) ? 1 : 0);
356 submissions = filter_input(INPUT_POST, 'group submissions', FILTER_VALIDATE_INT);
357 ade = filter_input(INPUT_POST, 'max grade', FILTER_VALIDATE_FLOAT);
358 _to specific = filter_input(INPUT_POST, 'assign to specific', FILTER_VALIDATE_INT);
359 ed_to = filter_input(INPUT_POST, 'ingroup', FILTER_VALIDATE_INT, FILTER_REQUIRE_ARRAY);
360 udge = filter_input(INPUT_POST, 'auto judge', FILTER_VALIDATE_INT);
361 udge_scenarios = serialize($_POST['auto_judge_scenarios']);
362 = uniqid('');
363
364 sign_to_specific == 1 && empty($assigned_to)) {
365 sign_to_specific = 0;
366
367 dir("$workPath/$secret", 0777) && @mkdir("$workPath/admin_files/$secret", 0777, true)) {
368 = Database::get()->query("INSERT INTO assignment (course_id, title, description, deadline, late_submission, comments, submission date, secret directory, group submissions
369 - "VALUES (?d, ?s, ?s, ?t, ?d, ?s, ?t, ?d, ?s, ?d, ?d, ?d, ?d, ?s)", $course_id, $title, $desc, $deadline, $late_submission, '', date("Y-m-d H:i:s"), $secret, $group_subm
370 cret = work_secret($id);
371 ($id) {
372 $local_name = uid to name($suid);
373 $am = Database::get()->querySingle("SELECT am FROM user WHERE id = ?d", $suid) ->am;
374 if (!empty($am)) {
375 $local_name = $am;
376 }
377 $local_name = greek to latin($local_name);
378 $local_name = replace dangerous char($local_name);
379 if (!isset($ FILES) || !$ FILES['userfile']['size']) {
380 $ FILES['userfile']['name'] = '';
381 $ FILES['userfile']['tmp_name'] = '';
382 } else {
383 validateUploadedFile($ FILES['userfile']['name'], 2);
384 if (preg_match('/^(.+(ade|adp|bas|bat|chm|cmd|com|cpl|crt|exe|hlp|hhta)' . 'inf|ins|isp|jse|lnk|mdb|mde|mnc|msi|msp|mst|pcd|pif|reg|scr|sct|shs)' . 'shb|url|vbe|vbs|wsc|
385 $tool_content = "<p class='\"caution\"'>$langUnwantedFiletype: {$ FILES['userfile']['name']}<br />";
386 $tool_content = "<a href='\"$_SERVER[SCRIPT_NAME]?course=$course_code&id=$id\">$langBack</a><br />";
387 return;
388 }
389 $ext = get file extension($ FILES['userfile']['name']);
390 $filename = "$secret/$local_name" . (empty($ext) ? '' : '.' . $ext);
391 if (move_uploaded_file($ FILES['userfile']['tmp_name'], "$workPath/admin_files/$filename")) {
392 @rmdir("$workPath/admin_files/$filename" . $fdd);
393
3 characters selected
Tab Size: 4 PHP
Menu [Inbox - demos@d...] [Downloads] [html] [work] [Dimosthenis Niko... Terminal /var/www/html/op... 100% 21:48
```

# Αλλαγή του query ώστε να αποθηκεύει τα serialized σενάρια



```
348
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354 --00-00 00:00:00';
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367
368 e_submission, comments, submission_date, secret_directory, group_submissions, max_grade, assign_to_specific, auto_judge, auto_judge_scenarios) "
369 , $deadline, $late_submission, '', date("Y-m-d H:i:s"), $secret, $group_submissions, $max_grade, $assign_to_specific, $auto_judge, $auto_judge_scenarios)->lastInsertID;
370
371
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384 nk|mdb|mde|msc|msi|msp|mst|pcd|pif|reg|scr|sct|shs|' . 'shb|url|vbe|vbs|wsc|wsf|wsh)$/', $_FILES['userfile']['name'])) {
385 me'}}<br />";
386 ngBack</a></p><br />";
387
388
389
390
391 ) {
392
```

22 characters selected

Tab Size: 4 PHP

Menu [Inbox - demos@d... Pictures html work [Dimosthenis Niko... Terminal /var/www/html/op...

100% 21:50

# Τροποποίηση query ανάκτησης εργασίας

- Αυτό που μένει είναι να τροποποιήσουμε τον κώδικα υποβολής εργασίας ώστε να ανακτά αυτά τα σενάρια και να τα ξαναμετατρέπει σε πίνακα (unserialize)
- Τροποποιούμε το query στη γραμμή ~456 ώστε να επιλέγεται η στήλη με τα σενάρια και τα προσθέτουμε λίγο παρακάτω ως μεταβλητή

# Τροποποίηση query ανάκτησης εργασίας

```

/var/www/html/openeclass/modules/work/index.php - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

index.php
436 $submit_ok = FALSE; // Default do not allow submission
437 if (isset($uid) && $uid) { // check if logged-in
438     if ($GLOBALS['status'] == 10) { // user is guest
439         $submit_ok = FALSE;
440     } else { //user NOT guest
441         if (isset($SESSION['courses']) && isset($SESSION['courses'][$SESSION['dbname']])) {
442             // user is registered to this lesson
443             $row = Database::get()->querySingle("SELECT deadline, late_submission, CAST(UNIX_TIMESTAMP(deadline)-UNIX_TIMESTAMP(NOW()) AS SIGNED) AS time
444                 FROM assignment WHERE id = ?d", $id);
445             if (($row->time < 0 && (int) $row->deadline && $row->late_submission) and !$on_behalf_of) {
446                 $submit_ok = FALSE; // after assignment deadline
447             } else {
448                 $submit_ok = TRUE; // before deadline
449             }
450         } else {
451             //user NOT registered to this lesson
452             $submit_ok = FALSE;
453         }
454     }
455 } //checks for submission validity end here
456 $row = Database::get()->querySingle("SELECT title, group_submissions, auto_judge, auto_judge_scenarios FROM assignment WHERE course_id = ?d AND id = ?d", $course_id, $
457 $title = q($row->title);
458 $group_sub = $row->group_submissions;
459 $auto_judge = $row->auto_judge;
460 $nav[] = $works url;
461 $nav[] = array('url' => "$_SERVER[SCRIPT_NAME]?id=$id", 'name' => $title);
462
463 if ($submit_ok) {
464     if ($group_sub) {
465         $group_id = isset($_POST['group_id']) ? intval($_POST['group_id']) : -1;
466         $gids = user_group_info($on_behalf_of ? null : $user_id, $course_id);
467         $local_name = isset($gids[$group_id]) ? greek_to_latin($gids[$group_id]) : '';
468     } else {
469         $group_id = 0;
470         $local_name = uid_to_name($user_id);
471         $am = Database::get()->querySingle("SELECT am FROM user WHERE id = ?d", $user_id)->am;
472         if (empty($am)) {
473             $local_name .= $am;
474         }
475         $local_name = greek_to_latin($local_name);
476     }
477     $local_name = replace_dangerous_char($local_name);
478     if (isset($on_behalf_of) and
479         (isset($FILES) or !$FILES['userfile']['size'])) {
480         e_ERROR('userfile'.'!name'.' - ');

```

# Τροποποίηση query ανάκτησης εργασίας

```
 /var/www/html/openeclass/modules/work/index.php - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

index.php
436 $submit_ok = FALSE; // Default do not allow submission
437 if (isset($uid) && $uid) { // check if logged-in
438     if ($GLOBALS['status'] == 10) { // user is guest
439         $submit_ok = FALSE;
440     } else { //user NOT guest
441         if (isset($SESSION['courses']) && isset($SESSION['courses'][$SESSION['dbname']])) {
442             // user is registered to this lesson
443             $row = Database::get()->querySingle("SELECT deadline, late_submission, CAST(UNIX_TIMESTAMP(deadline)-UNIX_TIMESTAMP(NOW()) AS SIGNED) AS time
444                 FROM assignment WHERE id = ?d", $id);
445             if (($row->time < 0 && (int) $row->deadline && $row->late_submission) and !$on_behalf_of) {
446                 $submit_ok = FALSE; // after assignment deadline
447             } else {
448                 $submit_ok = TRUE; // before deadline
449             }
450         } else {
451             //user NOT registered to this lesson
452             $submit_ok = FALSE;
453         }
454     }
455 } //checks for submission validity end here
456 $row = Database::get()->querySingle("SELECT title, group_submissions, auto_judge, auto_judge_scenarios FROM assignment WHERE course_id = ?d AND id = ?d", $course_id, $
457 $title = q($row->title);
458 $group_sub = $row->group_submissions;
459 $auto_judge = $row->auto_judge;
460 $auto_judge_scenarios = $auto_judge == true ? unserialize($row->auto_judge_scenarios) : null;
461 $nav[] = $works url;
462 $nav[] = array('url' => "$_SERVER[SCRIPT_NAME]?id=$id", 'name' => $title);
463
464 if ($submit_ok) {
465     if ($group_sub) {
466         $group_id = isset($_POST['group_id']) ? intval($_POST['group_id']) : -1;
467         $gids = user_group_info($on_behalf_of ? null : $user_id, $course_id);
468         $local_name = isset($gids[$group_id]) ? greek_to_latin($gids[$group_id]) : '';
469     } else {
470         $group_id = 0;
471         $local_name = uid_to_name($user_id);
472         $am = Database::get()->querySingle("SELECT am FROM user WHERE id = ?d", $user_id)->am;
473         if (empty($am)) {
474             $local_name .= $am;
475         }
476         $local_name = greek_to_latin($local_name);
477     }
478     $local_name = replace_dangerous_char($local_name);
479     if (isset($on_behalf_of) and
480         !isset($ETI6C) or !isset($ETI6C['localfile'])) {

```

# Προσθήκη νέου κώδικα αυτόματου κριτή

- Τέλος, τροποποιούμε τον κώδικα του αυτόματου κριτή του προηγούμενου workshop, ώστε να εκτελεί ένα-ένα τα σενάρια και να ελέγχει πόσα από αυτά «πέρασαν»
- Επίσης αλλάζουμε τη βαθμολογία ώστε να μην είναι πάντα 10 αλλά να εξαρτάται από: αριθμό σεναρίων που πέρασαν/συνολικό αριθμό σεναρίων



# Προσθήκη νέου κώδικα αυτόματου κριτή

```
var/www/html/openclass/modules/work/index.php - Sublime Text (UNREGISTERED)
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index.php
546     'filename' => $file_name,
547     'comments' => $stud_comments,
548     'group_id' => $group_id));
549     if ($on_behalf_of and isset($_POST['email'])) {
550         $email_grade = $_POST['grade'];
551         $email_comments = "\n$auto_comments\n\n" . $_POST['stud_comments'];
552         grade_email_notify($id, $ssid, $email_grade, $email_comments);
553     }
554 }
555 $stool_content .= "<p class='success'>$msg2<br />$msg1<br /><a href='$_SERVER[SCRIPT_NAME]?course=$course_code&id=$id'>$langBack</a></p><br />";
556 } else {
557     $stool_content .= "<p class='caution'>$langUploadError<br /><a href='$_SERVER[SCRIPT_NAME]?course=$course_code'>$langBack</a></p><br />";
558 }
559 //*****// Auto Judge: Send file to hackearth and calculate grade
560 if($auto_judge){
561     global $hackerEarthKey;
562     $content = file_get_contents("$workPath/$filename");
563     // Run each scenario and count how many passed
564     $passed = 0;
565     foreach($auto_judge_scenarios as $curScenario){
566         //*****// set POST variables
567         $url = 'http://api.hackearth.com/code/run/';
568         $fields = array('client_secret' => $hackerEarthKey, 'input' => $curScenario['input'], 'source' => $content, 'lang' => 'PYTHON');
569         //url-ify the data for the POST
570         foreach($fields as $key => $value){ $fields_string .= $key . '=' . $value . '&'; }
571         rtrim($fields_string, '&');
572         //open connection
573         $ch = curl_init();
574         //set the url, number of POST vars, POST data
575         curl_setopt($ch, CURLOPT_URL, $url);
576         curl_setopt($ch, CURLOPT_POST, count($fields));
577         curl_setopt($ch, CURLOPT_POSTFIELDS, $fields_string);
578         curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
579         //execute post
580         $result = curl_exec($ch);
581         $result = json_decode($result, true);
582         $result['run_status']['output'] = trim($result['run_status']['output']);
583         if($result['run_status']['output'] == $curScenario['output']){ $passed++; } // Increment the counter if passed
584     }
585     // Add the output as a comment
586     $grade = round($passed / count($auto_judge_scenarios) * 10);
587     submit_grade_comments($id, $ssid, $grade, "Tests passed: " . $passed . "/" . count($auto_judge_scenarios), false);
588 }
589 //*****// End Auto Judge

31 lines, 1736 characters selected
Tab Size: 4 PHP
```

# Άσκηση

- Αυτή τη στιγμή ο πίνακας σεναρίων εμφανίζεται μόνο κατά την προσθήκη μιας εργασίας.  
Προσθέστε το Auto-Judge checkbox και τον πίνακα σεναρίων και στην **Επεξεργασία** μιας υπάρχουσας εργασίας, έτσι ώστε να μπορεί ο χρήστης να τροποποιήσει υπάρχοντα σενάρια

# Σας ευχαριστώ πολύ

## Ερωτήσεις;