

OES – Online Examination System

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Thank you for purchasing my script, if you have any questions that are beyond the scope of this documentation, please feel free to email me via the email provided above.

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Introduction

OES is a web-based examination and quiz system implemented using CodeIgniter framework. It uses JQuery and MYSQL database. OES system will give your users such as students the option to take exams online and get the results immediately they finish. The system will help students and develop their skills.

Requirements

OES can be installed on any PHP enabled web server that can connect to a MySQL database. This includes shared servers, dedicated servers, and local installations running on Linux, Unix, BSD, Mac OS X, and Microsoft Windows operating systems. The requirements to have OES up and running are: -

- Web Server
- PHP
- MySQL Database Server

Pre-installation Steps

OES is a web based solution that needs its relevant files to exist on the web server. The files can be copied to the web server by extracting the download package on your computer and uploading its contents to the web server via FTP, or by copying the download package to the web server directly and extracting its contents there.

The contents of the download package need to be copied to the public HTML directory the web server is serving from.

Examples of public HTML directories are:

- /home/chat/public_html/
- /srv/www/htdocs/
- /usr/local/htdocs/
- /var/www/vhosts/chat.com/httpdocs/

The contents of the download package once extracted are:

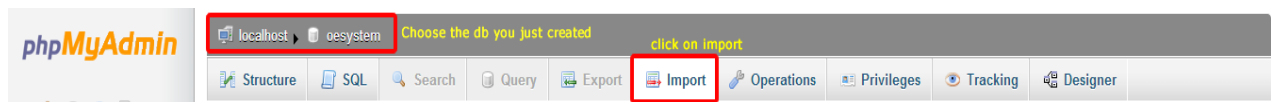
- application (directory)
- system (directory)
- assets (directory)
- oesystem.sql (dump file)
- .htaccess file
- documentation.pdf
- index.php

Database configuration

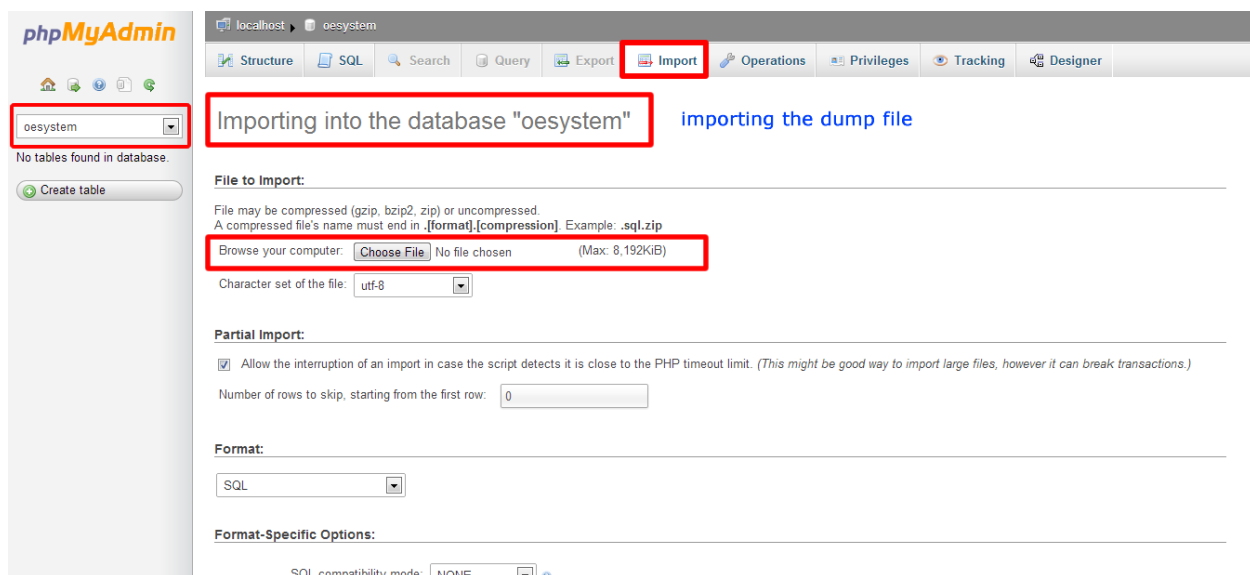
First we need to have our database ready, visit your MySQL database server and create the database and give it a name of your choice and assign a user to it then IMPORT our dump file (oesystem.sql) to that database. You can use PHPMYADMIN to do this.

Importing the dump file.

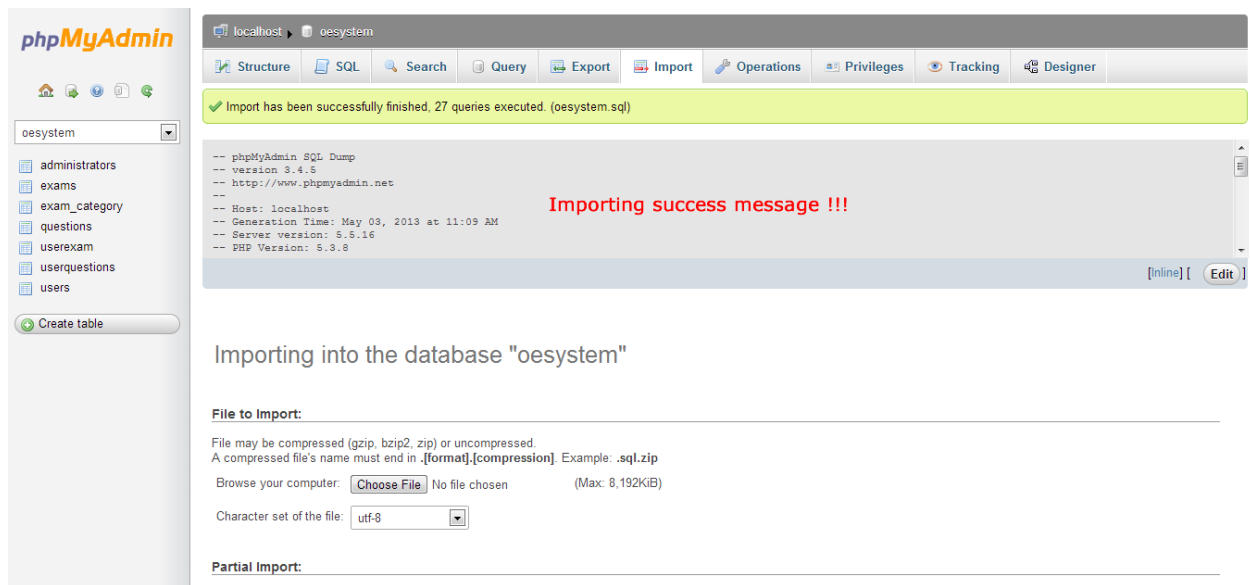
Open the database you created and then click on import as shown below



Then choose the oesystem.sql file by clicking the choose file button as show below



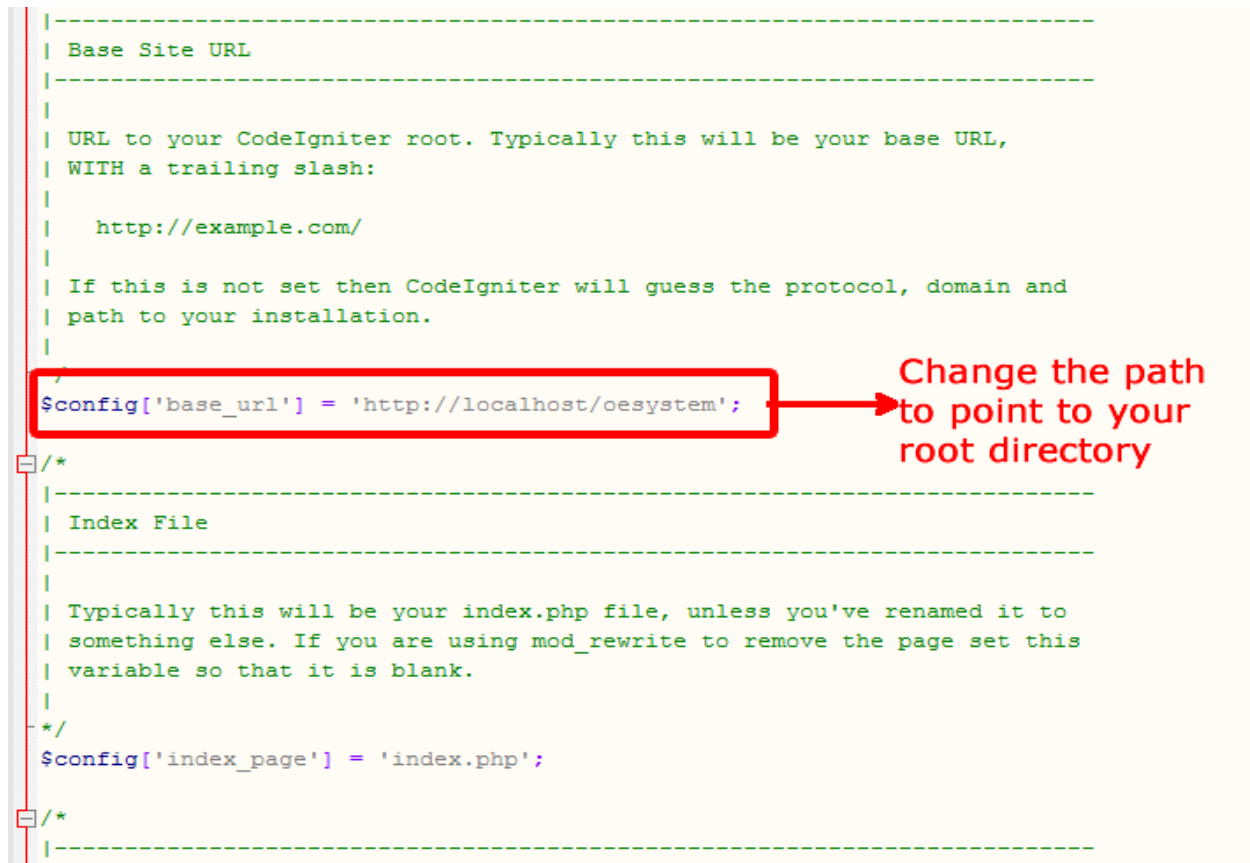
Finally click on go button at the bottom of the page and the tables will be created and populated with the default records. You should see the success message like the one shown below.



NB : *If you are installing in a sub-domain you will need to edit the .htaccess to accommodate your sub-domain directory.*

Config.php settings

You will need to change **base url** in the **application/config/config.php** file. Change the line highlighted below to the one that matches your domain



Then change the database *user*, *password*, *name* and *host* in the *application/config/database.php* file to match the ones you are using as shown below.

```
37 | ['autoinit'] Whether or not to automatically initialize the database.
38 | ['stricton'] TRUE/FALSE - forces 'Strict Mode' connections
39 |               - good for ensuring strict SQL while developing
40 |
41 | The $active_group variable lets you choose which connection group to
42 | make active. By default there is only one group (the 'default' group).
43 |
44 | The $active_record variables lets you determine whether or not to load
45 | the active record class
46 */
47
48 $active_group = 'default';
49 $active_record = TRUE;
50
51 $db['default']['hostname'] = 'localhost';
52 $db['default']['username'] = 'root';
53 $db['default']['password'] = '';
54 $db['default']['database'] = 'oesystem';
55 $db['default']['dbdriver'] = 'mysql';
56 $db['default']['dbprefix'] = '';
57 $db['default']['pconnect'] = TRUE;
58 $db['default']['db_debug'] = TRUE;
59 $db['default']['cache_on'] = FALSE;
60 $db['default']['cachedir'] = '';
61 $db['default']['char_set'] = 'utf8';
62 $db['default']['dbcollat'] = 'utf8_general_ci';
63 $db['default']['swap_pre'] = '';
64 $db['default']['autoinit'] = TRUE;
65 $db['default']['stricton'] = FALSE;
66
67
68 /* End of file database.php */
69 /* Location: ./application/config/database.php */
```

Change to match your database server

And that's it, OES is configured and can be accessed via your web browser. Login using the demo account or create a new account by clicking on Register button.

Oes?
Online exam system

Login Register

Hint: You may login with demo/demo

User Login

Username

Password

Log in

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Feel free to customize the script in whichever way that suits your requirements.

CSS files

There are four CSS files used:-

1. assets/css/main.css
2. assets/css/exam.css
3. assets/admin/css/admin.css
4. assets/admin/css/jquery-ui.css

JavaScript files

The script imports the following JavaScript files and libraries contained:-

1. assets/js/exam.js
2. assets/js/jquery-ui.js
3. assets/js/validationEngine (library)
4. assets/admin/js/datatables (library)

Administration Panel

The administration panel is a restricted portion of the system which is only accessible to administrators only. The administrator is basically the person who will be responsible of managing the system in terms of adding the exams, exam categories, answers, adding new users etc.


To access the administrator panel, use this URL

<http://youdomain.com/yourfolder/admin>

The following screen should appear



Administrator - Login

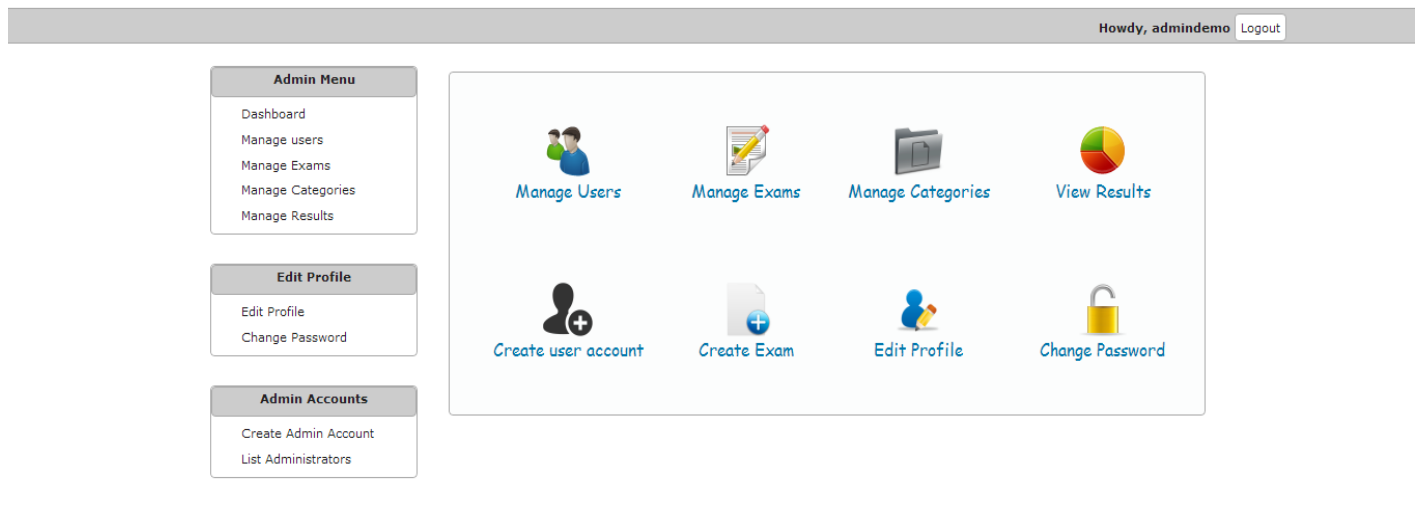
 You may login with username : [admindemo](#) Password : [demo123](#)

Username

Password

Admin Dashboard

After logging in the admin dashboard is the next screen. The dashboard provides a means to navigate the different functions that can be performed by the administrator which includes

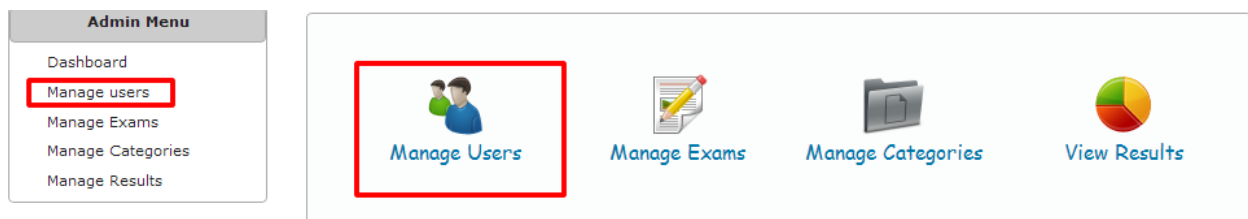


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1. Managing users
2. Managing exams
3. Managing examination categories
4. Viewing user results
5. Managing administrators


Manage Users

To manage users Click on the manage users icon on the dashboard or the manage users link on the left side menu



Adding Users

On the manage users screen click on the add user icon on the left top corner



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Admin Menu


- Dashboard
- Manage users
- Manage Exams
- Manage Categories
- Manage Results





Edit Profile

- Edit Profile
- Change Password


Admin Accounts

- Create Admin Account
- List Administrators

 **Add user icon**

| | Firstname | Lastname | Email | username | Status | | |
|--------------------------|-----------|----------|-----------------------|------------|--------|---|---|
| <input type="checkbox"/> | Samson | Karanja | sammkaranja@gmail.com | samkaranja | Active |  |  |
| <input type="checkbox"/> | Developer | Demo | test@gmail.com | developer | Active |  |  |

Show items 1 Search:



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Admin Menu

- Dashboard
- Manage users
- Manage Exams
- Manage Categories
- Manage Results

Edit Profile

- Edit Profile
- Change Password

Admin Accounts

- Create Admin Account
- List Administrators

Create user account

First Name

Last Name

Email

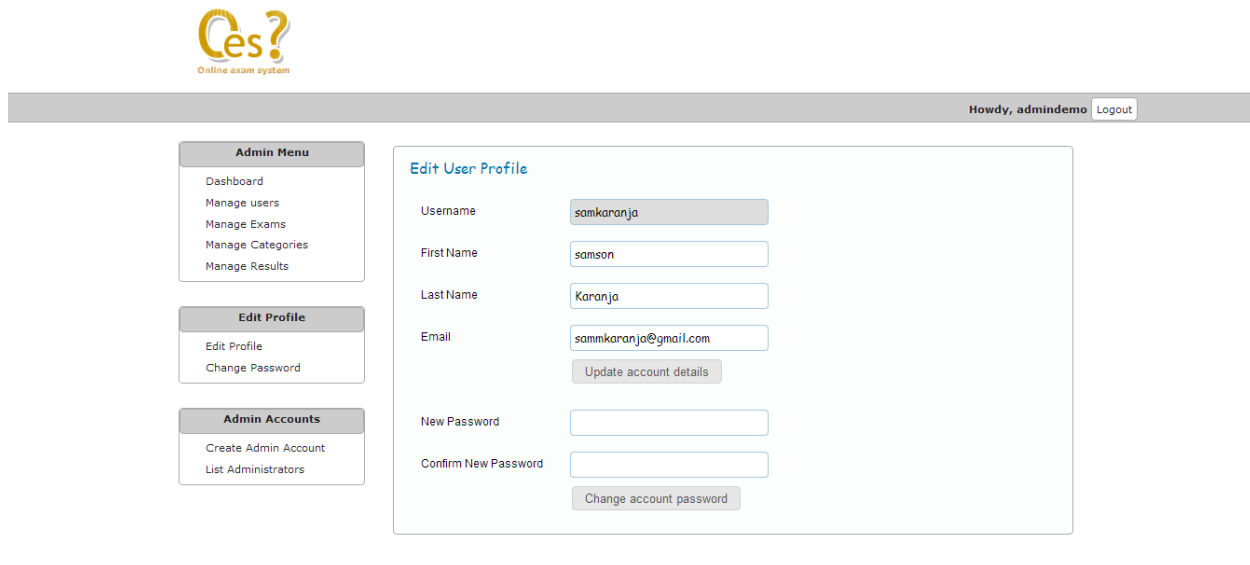
Username

Password

Repeat Password

[Register member account](#)

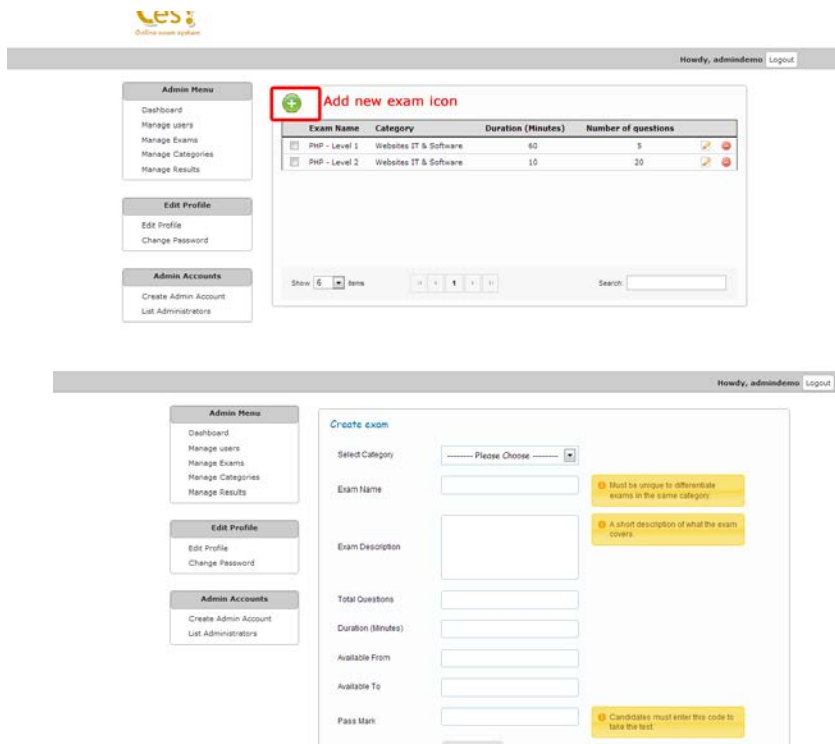
Editing user account



The screenshot shows the 'Edit User Profile' page. On the left is an 'Admin Menu' with links: Dashboard, Manage users, Manage Exams, Manage Categories, and Manage Results. Below it is an 'Edit Profile' section with 'Edit Profile' and 'Change Password' links. Further down is an 'Admin Accounts' section with 'Create Admin Account' and 'List Administrators' links. The main content area is titled 'Edit User Profile' and contains form fields for Username (sankaranja), First Name (samson), Last Name (Karanja), Email (sankaranja@gmail.com), New Password, and Confirm New Password. There are 'Update account details' and 'Change account password' buttons. The top header shows the C&S? logo and the user 'Howdy, admindemo' with a 'Logout' link.

Managing exams


Click on manage exams menu link, to add an exam click on the add new exam icon on the top left corner and the new exam form will appear.



The first screenshot shows the 'Add new exam icon' page. It features a table with columns: Exam Name, Category, Duration (Minutes), and Number of questions. The table lists two exams: 'PHP - Level 1' (60 minutes, 5 questions) and 'PHP - Level 2' (10 minutes, 20 questions). A red box highlights the '+ Add new exam icon' button. The second screenshot shows the 'Create exam' form. It includes fields for 'Selected Category' (a dropdown menu), 'Exam Name', 'Exam Description', 'Total Questions', 'Duration (Minutes)', 'Available From', 'Available To', and 'Pass Mark'. There are three yellow warning boxes: 'Must be unique to differentiate exams in the same category', 'A short description of what the exam covers', and 'Candidates must enter this code to take the test'.

Editing Exam

Under edit exam, the administrator will be able to manage the questions for that particular exam by clicking on the manage questions link as shown below.



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Admin Menu

- Dashboard
- Manage users
- Manage Exams
- Manage Categories
- Manage Results

Edit Profile


- Edit Profile
- Change Password

Admin Accounts

- Create Admin Account
- List Administrators

Edit exam

Manage questions links



Select Category

Exam Name

Must be unique to differentiate exams in the same category.

Exam Description


A short description of what the exam covers.

Total Questions

Duration (Minutes)

Available From

Available To



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Admin Menu

- Dashboard
- Manage users
- Manage Exams
- Manage Categories
- Manage Results

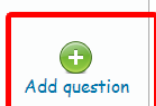
Edit Profile

- Edit Profile
- Change Password

Exam Name : PHP - Level 1

3 Questions added already, 2 questions remaining.

Add question link



| Question | Correct Answer | Marks | | |
|--|----------------|-------|--|--|
| <input type="checkbox"/> What is php? | B | 5 | | |
| <input type="checkbox"/> Test question | C | 5 | | |
| <input type="checkbox"/> Test question | C | 5 | | |

Once again, thank you so much for purchasing this script. As I said at the beginning, I'd be glad to help you if you have any questions relating to this script. No guarantees, but I'll do my best to assist. I will also be updating the script every now and then so watch this space ;)

Enjoy and best of luck!

Sam Karanja