1 The procedure to practise

1. You have been given a set of spoken tutorials and files.

2. You will typically do one tutorial at a time.

3. You may listen to a spoken tutorial and reproduce all the steps shown in the video.

4. If you find it difficult to do the above, you may consider listening to the *whole* tutorial once and then practise during the second hearing.

2 PHP & MySQL

1. Click on "Select FOSS Category" drop-down and choose "PHP & MySQL".

2. Click on "Select Language" drop-down and choose the language (English, Hindi, Marathi ...) in which you wish to learn.

3. Click on "Locate Tutorial" button.

4. You will see a list of tutorials based on your selection.

5. In this series, first 2 tutorials will teach you about "How to install PHP & MySQL on Windows & Linux".

6. If you have already installed PHP & MySQL, skip these tutorials.

7. Start with the third tutorial "Echo Function" in the displayed list.

3 Third tutorial: Echo Function

1. Locate the topic "Echo Function".

2. To view the tutorial, click on the video player icon on the right of the selected topic.

3. The Outline of the tutorial and the Pre-requisite will be visible on the right of the player.

4. The links for Assignment and Code Files will be available below the player.

5. Click on the player and view the tutorial.

3.1 Instructions to practise on Windows OS

(a) The tutorials are explained on Windows OS.

(b) It will be easy for the Windows users to follow, as instructed on the tutorial.

(c) Before you begin to practise, kindly create a folder "phpacademy" inside the folder c:\xampp\htdocs

(d) Create the file helloworld.php in the folder c:\xampp\htdocs\phpacademy as it is required for this tutorial.

    i. To do this, open the **ConTEXT** editor.

    ii. Click on **File** >> **New** >> **Save As**.

    iii. Name the file as helloworld.php.

    iv. Remember to choose the location as c:\xampp\htdocs\phpacademy

    v. Now click on **Save** button.

(e) Please note that the path of phpacademy folder shown in the video is c:\xampp\htdocs\phpacademy

(f) This will be your working directory for all the tutorials.

(g) Henceforth, for all the videos, the .php and/or .html files should be created/copied in this directory.

(h) You are free to create subdirectories here for each tutorial, so that you can manage all your files in a better way.

3.2 Instructions to practise on Linux OS

(a) The tutorials are explained on Windows OS.

(b) To practise on Linux, follow these steps.

(c) Before begin your practice, kindly create a folder "phpacademy" inside the folder /opt/lampp/htdocs/

(d) Based on your installation, the web root path may vary as /opt/lampp/htdocs/ or /var/www/.

(e) Create the file helloworld.php in the folder /opt/lampp/htdocs/phpacademy as it is required for this tutorial.

(f) To do this, open the `Terminal` by pressing `Ctrl-Alt-t` keys simultaneously.

(g) Now type
`cd /opt/lampp/htdocs/phpacademy` in the `Terminal` and hit `ENTER`.

(h) Now type
`gedit helloworld.php &` and hit `ENTER`.

(i) Please note that the path of `phpacademy` folder shown in the video is `c:\xampp\htdocs\phpacademy`

(j) This is your working directory in `Windows`.

(k) But for `Linux OS`, the equivalent path is: `/opt/lampp/htdocs/` or `/var/www/`

(l) This will be your working directory for all the tutorials.

(m) Henceforth, for all the videos, the `.php` and/or `.html` files should be created/copied in this directory.

(n) You are free to create subdirectories here for each tutorial, so that you can manage all your files in a better way.

6. Now resume the video and follow all the instructions.

7. Type all the code shown in the video in `helloworld.php` file and save it periodically, by clicking **File >> Save**.

8. At time 1:07 min, the video shows `Firefox` web browser to view `helloworld.php` file.

9. You can view this file in separate tab or in a new web browser window.

10. Type `http://localhost/phpacademy/` in the address bar of your `Firefox` browser.

11. Click `helloworld.php`.

12. This will open `helloworld.php` in the browser.

13. Every time you make some change to `helloworld.php` using `gedit(Linux) or ConTEXT(Windows)` editor, you should save your changes and refresh your web browser by pressing the `F5` key, to reflect the changes.

14. In some of the future tutorials, `Google Chrome` is used as the web browser. But you can continue using `Firefox` or any other web browser.

15. From time 1:55 min, the video talks about `parse error`.

16. Please understand it carefully and try to reproduce the exact code as shown in the video.

3.3 Common instructions for Assignments

(a) Attempt all the given `Assignments` as instructed in the tutorial.

(b) Remember to save your work from time to time, instead of saving it at the end of the task.

3.4 Common instructions to use Code files

(a) Code files used in the tutorial will be available as a link `"Code files"` below the video player.

(b) Click on the link `"Code files"` and save it in your folder.

(c) Extract the downloaded zip file.

(d) You will see all the code/source files used in the particular tutorial.

(e) Use these files as per the instructions given in the particular tutorial.

17. Play-pause-practise the whole tutorial.

18. Once the tutorial is complete, click on the back button on the browser (top-left corner left-arrow button).

19. Now, choose the next tutorial and follow all the above instructions, till you complete all the tutorials in the series.