



1 The procedure to practice

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 commands 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 First tutorial: Installing a Webserver with PHP and MySQL (XAMPP in Windows)

1. Please locate the folder `phpandmysql` and open it. This folder contains all the required materials.
2. Double click on `php_tutorial.html` file to open it in the browser. This displays the suggested learning sequence of the tutorials.
3. Locate the topic *Installing a Webserver with PHP and MySQL*. Click on the link *Spoken Tutorial* to open and view the video. Links have been provided for viewing the Script and Codes, as well. You are not required to view the script unless you have difficulty in understanding the pronunciation or to refer to a command in the video. You may copy-paste the given codes for your practice.
4. Please listen to this tutorial and follow all the instructions carefully. From 1:19 min to 1:28 min the tutorial shows how to download XAMPP. We are assuming that XAMPP is already installed on your machine. If you do not know how to install, please refer to the instructions given in `XAMPP_installation_linux.pdf` in the `phpandmysql` folder.

5. At 6:34 the video talks about the **Con-TEXT** text editor. But for Ubuntu linux, the equivalent text editor is **Gedit**. You

can use **Gedit** as your default text editor throughout the tutorials.

6. Open a new tab in the firefox web-browser by pressing `ctrl-t` or open a new web-browser. Type the URL `http://localhost/phpacademy/` in your address bar. Now you will be able to run all your `.php` and `.html` files using this URL.
7. Please note that the path of `phpacademy` folder shown in video is `c:\xampp\htdocs\phpacademy` this is your working directory in windows. But for Ubuntu Linux equivalent path is: `/opt/lampp/htdocs/phpacademy`. This will be your working directory. Henceforth, for all the videos, the `.php` and/or `.html` files should be created/copied in this directory. You are free to create subdirectories here for each video tutorial so that you can manage all your files in a better way.

Note: Users who are new to Ubuntu Linux, please go through the tutorial `ubuntu_desktop.ogv` given in the `phpandmysql` folder. This tutorial explains how to open a terminal window and how to use `gedit` text editor.

3 Second tutorial: Echo Function

1. Create the file `helloworld.php` in the folder `/opt/lampp/htdocs/phpacademy` as it is required for this video tutorial. To do this:

- (a) Open the terminal using the command `Ctrl-Alt-t` by pressing all these three keys simultaneously.

- (b) Now type

```
cd /opt/lampp/htdocs/phpacademy
```

in the terminal and hit **ENTER** key.

- (c) Now type

```
gedit helloworld.php &
```

and hit **ENTER** key.

2. Now go back to `php_tutorial.html` inside `phpandmysql` folder and locate the topic

Echo function and click on the link *Spoken Tutorial* to open and view the video. Please follow the instructions in the video.

3. Type all the code shown in the video in `helloworld.php` file and save periodically by clicking **File** and **Save**.
4. At time 1:07 min, the tutorial shows Firefox Web Browser to view `helloworld.php` file, you can view this file in separate TAB or in a new web-browser.
5. Type `http://localhost/phpacademy/` in the address bar of your firefox browser. This will show a list of files. Click `helloworld.php`. This will open `helloworld.php` in the browser.
6. Now every time you make some change to `helloworld.php` using `gedit` editor, you need to save your changes and refresh your web browser by pressing F5 key to reflect the changes.
7. 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.

8. From time 1:55 min, the tutorial says about **parse error**. Please understand it carefully and try to reproduce the exact code as shown in the tutorial.
9. After you are done with this tutorial, you can move on to our next topic, *Variables in PHP* in `php_tutorial.html`.

4 Similarly, remember to follow these three simple steps for all the tutorials -

1. Go to the next topic in the `php_tutorial.html`. Click on *Spoken Tutorial* link to view the video.
2. Create new file with same name as that mentioned in the video tutorial in `/opt/lampp/htdocs/phpacademy` using `gedit` text editor.
3. Execute your PHP code in web browser.