Install PHP

**For MAC OS X**,   
  
PHP comes with it, need to enable it for Apache web server:

- Use text editor to open web server configuration file "httpd.conf"

- Uncomment the following line (remove #):

LoadModule php5\_module libexec/apache2/libphp5.so

- Restart Apache

- Check to see if PHP is enabled:

   In your localhost web home directory, create a .php file with following content (like phpinfo.php)  (if it doesn't exist)

   <?php phpinfo(); ?>

   load this file in the browser:

[http://localhost/phpinfo.php (Links to an external site.)](http://localhost/phpinfo.php)

    if you see phpinfo table, then it works.

**For Windows**

**Install PHP**

**Download PHP**

 Point your browser to the 'Windows binaries and sources Releases' page or click this link [http://windows.php.net/download/ (Links to an external site.)](http://windows.php.net/download/). Scroll down a little and locate the**VC9 x86 Thread Safe**section and download the **zip** file. down load version 5.4

  - create folder to install PHP (example, c:\php )

 E**xtract the PHP files from the zip archive**.

. Move to the folder in which you have downloaded the PHP zip file and double-click on it to reveal its contents. Select and copy all the files in the archive (Tip: use the Ctrl-A and Ctrl-C keyboard shortcuts). Now paste all the files (Ctrl-V) in the empty C:\PHP folder.

 You'll see a file called **php.ini-development**. Right-click on this file and choose *Copy.* Now *paste* the file in the same directory -  Rename this file to**php.ini**  Windows will tell you that changing the extension will make it unusable - answer 'Yes' .

 Note: The newer PHP versions come with two files: **php.ini-development**and**php.ini-production.** The former is more suited for a developer machine such as yours, while the latter is for web servers that host 'live web sites' where security is of paramount importance. Thus, use php.ini-development instead of php.ini-production.

**Configure Apache web server for PHP installation**

Apache web server need to communicate with PHP.   
This is done by **editing the Apache configuration file** **httpd.conf**.

 Go to *All Programs* -> *Apache HTTP Server 2.2* -> *Configure Apache Server* ->*Edit the Apache httpd.conf Configuration File* [Slide 8]. This opens httpd.conffile in Notepad.

 Gear up to make some changes to this file and please check the screenshots in the slideshow as you go along.

 Locate the "**LoadModule section**" (Tip: Use the *Find* feature - the Ctrl-F key combination). Add the following line  
   
**LoadModule php5\_module "c:/PHP/php5apache2\_2.dll"**Note: If you have chosen to install PHP in a different folder than C:\PHP, please change the path in the above line accordingly.

* Find the "**AddType**" section and put in the line below  
     
  AddType application/x-httpd-php .php  
    
  Note: Make sure that you put this before the </IfModule> line. You can also use other file extensions for PHP like .php3 or .php4; simply add these at the end of the above line separated by a blank space.
* Move to the end of the httpd.conf file and add the line below  
     
  PHPIniDir "C:/PHP"  
   Note: **This tells the Apache web server the location of the PHP configuration file, php.ini.**
* you need to specify new directory path as the **document root**.  
  If you don’t want default document root then find the **DocumentRoot** "C:/Apache/htdocs"in the Apache configuration file and change it to DocumentRoot (suppose "C:/websites") .
* Change <Directory "C:/Apache/htdocs"> to <Directory "C:/websites"> .
* Save the Apache configuration file. Go to the *File* menu and select *Save* or use the Ctrl-S keyboard shortcut. Close the Notepad window.

**Edit php.ini - PHP configuration file**

 Go to the C:\PHP folder, right-click on php.ini and choose "*Open with*" -> "*Notepad*".

* Using the 'Find' feature (Ctrl-F or "*Edit*" -> "*Find*"), locate the following:

·         error\_reporting = E\_ALL | E\_STRICT

 Change it to:

 error\_reporting = E\_ALL & ~E\_NOTICE

 Tip: instead of typing it out, simply copy-n-paste.  
Also make sure display\_errors is set to On. Thus, hunt for it and ensure the line reads:

 display\_errors = On

 To tell PHP where the extensions reside. Locate the following line (yes, it starts with a semi-colon):

 ·         ; extension\_dir = "ext"

 Under it, type (or copy-paste) the line below:

 extension\_dir = C:\PHP\ext

 I've assumed that you've installed PHP in C:\PHP else, you need to put in the correct path.

Restart your computer.

**Testing installation**

 Open a blank Notepad window and type in the line below exactly as it appears - you can copy-paste if you want.

 <?php phpinfo(); ?>

Save this file as phpinfo.php in the document root folder which should beC:/websites

 Open a browser window and load **http://localhost/phpinfo.php**. A long page with details of the installed PHP   
version should display. If you see the PHP code instead, you've probably not saved the file with a .php extension.