Installing A LAMP system on Ubuntu 12.10

Lamp stands for Linux, Apache, MySQL, and PHP system.

Installing Apache and Php

1. In the Terminal and enter in the following:

sudo apt-get install apache2

The Terminal will then ask you for you're password, type it and then press enter.

Open up any web browser and then enter the following into the web address:

curl http://localhost/

You should receive the “It works” success page.

Install the php modules for Apache.

sudo apt-get install php5 libapache2-mod-php5

Restart the Apache server.

sudo /etc/init.d/apache2 restart

Create a test page to check if the php modules installed correctly.

sudo vi /var/www/testphp.php

In the following line into the testphp.php page.

<?php phpinfo(); ?>

Type the following to see if it worked:

curl <http://localhost/testphp.php>

Installing Apache and Php

sudo apt-get install mysql-server

sudo gedit /etc/mysql/my.cnf

bind-address = 127.0.0.1

mysql -u root

mysql> SET PASSWORD FOR 'root'@'localhost' = PASSWORD('yourpassword');

sudo apt-get install libapache2-mod-auth-mysql php5-mysql phpmyadmin

sudo gedit /etc/php5/apache2/php.ini

;extension=mysql.so

**Installing SSH**

**Sudo apt-get install openssh-server**

**Installing A MYSQL Client**

I am following the directions in this file:

<http://dev.mysql.com/doc/refman/5.1/en/connector-c-building.html>

I have modified the directions .

Download Visual Studio Express 2008

Download [CMake](http://www.cmake.org/cmake/resources/software.html). We need **CMake** 2.6 or newer,

You can add it by using the Computer properties window.  
  
Right click My Computer -> Properties -> Advanced -> Environment Variables

http://users.ece.gatech.edu/~gpalmer/index.shtml