# Instructions for deployement

**Technologies used:**

1. **Operating System(OS):**
   Ubuntu 12.04
   32-bit version

2. **HTTP server:**
   Apache 2.2.22
   Command to install: *sudo apt-get install apache2*

3. **Server side scripting:**
   PHP 5.3.10
   Command to install: *sudo apt-get install php5 libapache2-mod-php5*

4. **Database Management System(DBMS):**
   MySQL server 5.5.29
   Command to install: *sudo apt-get install mysql-server libapache2-mod-auth-mysql php5-mysql phpmyadmin*

**NOTE:** enable the mysql module of php by,

- Type command: *gksudo gedit /etc/php5/apache2/php.ini*

- in the opened file, change the line (line number: 944),
  *; extension=msql.so*

- To (remove the semi-colon),
  *extension=msql.so*

- Save the file and exit.

## Copy the whole source-code to the web directory of apache.
default: */var/www/*
Command to copy: *sudo cp -r wikiblog /var/www/wikiblog*

## Deploy the database:

- Change your current working directory to the source-codes base directory.
  Command: *cd /var/www/wikiblog*

- Now run the following commands:
  *sudo chmod +x databaseCreator.sh*
  *sudo ./databaseCreator.sh*

- Now enter the asked details for your database system.

- Done.

- **Deploy the source-code:**

  - Initial configuration has already been done through the script.

  - If you want to change the database access constants.

  - Type command: *gksudo gedit includes/constants.php*

  - Edit the database constants according to your database management system.

  - Enter the MySQL username in the line: *static $USER = "";* between the quotes.

  - Edit the MySQL database name (if required). Default 'wikiblog'.

  - Edit the MySQL host name (if required). Default 'localhost'.

  - Enter the MySQL password in the line: *static $PASS = "";* between the quotes

  - Save and exit the file.

- **To run:**

  - Open your favourite browser.

  - Type *"localhost"* in the address bar.

  - In the listed projects open the project *"wikiblog"*