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***Assignment No.*** *: 1*

***Assignment On :***

*To Design And Develop Simple Hello World Page With Django Framework*

1. *INSTALLING PIP*

hdadmin@mca32:~$ **sudo apt-get install python-pip**

[sudo] password for hdadmin:

1. *USING PIP WE INSTALL VIRTUALENV*

hdadmin@mca32:~$ **sudo pip install virtualenv**

## *CREATE VIRTUAL ENVIRONMENT*

hdadmin@mca32:~$ **virtualenv myenv**

1. *CHANGE DIRECTORY INTO THE VIRTUAL ENVIRONMENT THAT YOU JUST CREATED*

hdadmin@mca32:~$ **cd myenv**

1. *ACTIVATE THE VIRTUAL ENVIRONMENT.*

hdadmin@mca32:~/myenv$ **source bin/activate**

(myenv) hdadmin@mca32:~/myenv$ **ls**

bin include lib local

## *INSTALL DJANGO IN VIRTUAL ENVIRONMENT*

(myenv) hdadmin@mca32:~/myenv$ **pip install django==1.9**

1. *NOW WE WILL CREATE OUR DJANGO PROJECT NAMED 'MYWEBPAGE'*

(myenv) hdadmin@mca32:~/myenv$ **django-admin startproject mywebpage**

(myenv) hdadmin@mca32:~/myenv$ **ls**

bin include lib local mywebpage

(myenv) hdadmin@mca32:~/myenv$ **mv mywebpage/ src**

(myenv) hdadmin@mca32:~/myenv$ **cd src/**

(myenv) hdadmin@mca32:~/myenv/src$ **ls**

manage.py mywebpage

(myenv) hdadmin@mca32:~/myenv/src$ **cd mywebpage/**

(myenv) hdadmin@mca32:~/myenv/src/mywebpage$ **ls**

\_\_init\_\_.py settings.py urls.py wsgi.py

(myenv) hdadmin@mca32:~/myenv/src/mywebpage$ **cd ..**

## *RUN OUR SERVER*

(myenv) hdadmin@mca32:~/myenv/src$ **python manage.py runserver**

## *CREATE AN APP*

(myenv) hdadmin@mca32:~/myenv/src$ **django-admin startapp helloworld**

(myenv) hdadmin@mca32:~/myenv/src$ **ls**

db.sqlite3 helloworld manage.py mywebpage

(myenv) hdadmin@mca32:~/myenv/src$ **ls**

db.sqlite3 helloworld manage.py mywebpage

## *CREATE TEMPLATES AND RUN SERVER*

(myenv) hdadmin@mca32:~/myenv/src$ **python manage.py runserver**

1. *CHECKING THE OUTPUT*

**http://127.0.0.1:8000/hello/**