

Chapter 03 - Hello World

"Hello World" in Django

Its now time to start coding, lets code a "Hello World" project in Django.

Steps -

1.

Do you remember how we installed Django ? Here's all the steps once again -

Let's create our folder, suppose you want to create a folder on **Desktop**

```
$ /path/to/desktop  
$ mkdir hello_world  
$ cd hello_world
```

Once inside the folder we can install Django

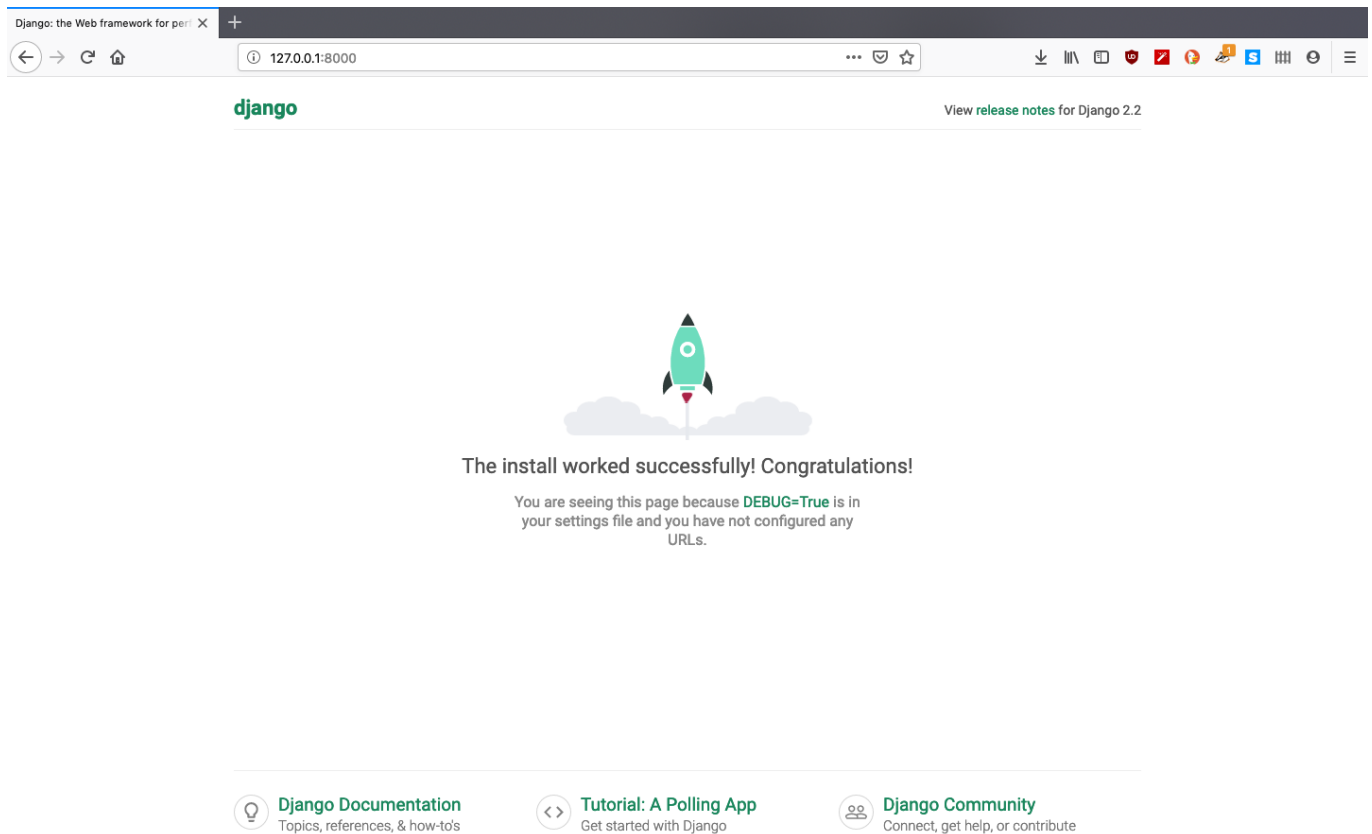
```
$ pipenv install django  
$ pipenv shell
```

2.

Now, let's start our django project by the name of "hello_world"

```
$ django-admin startproject hello_world .  
$ python manage.py runserver
```

You should get the default django installation page



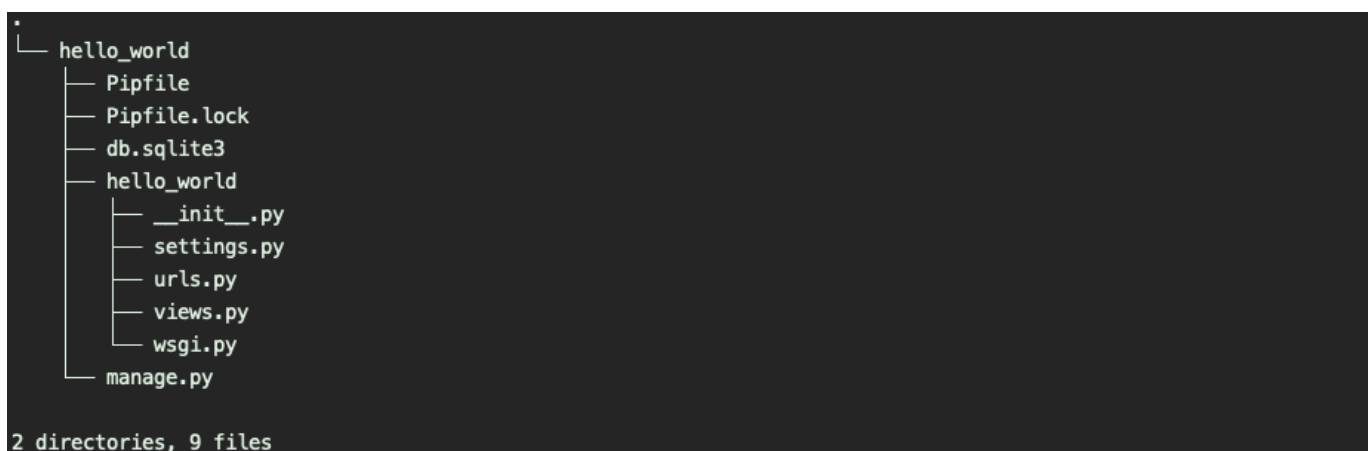
3.

Let's start by creating a view which will display 'Hello World'

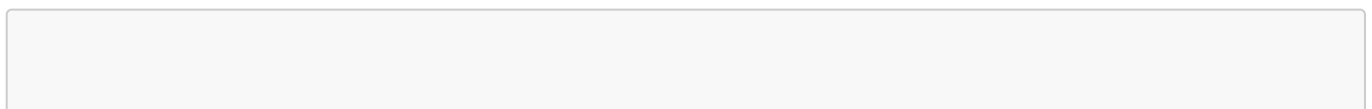
In your main project folder create a new file 'views.py'

```
$ cd hello_world
$ touch views.py
```

Directory structure would look like follows -



Open 'views.py' and add the following code



```
from django.http import HttpResponse

def home_page(request):
    # return HttpResponse('Hello World')
    return HttpResponse('<h1>Hello World</h1>')
```

4.

We have the view, now we need to wire the route or url, open the 'urls.py' file and add the following

```
from django.contrib import admin
from django.urls import path

# Import From Views
from .views import home_page # new

urlpatterns = [
    path('admin/', admin.site.urls),
    # New route/url
    path('', home_page, name='home') # new
]
```

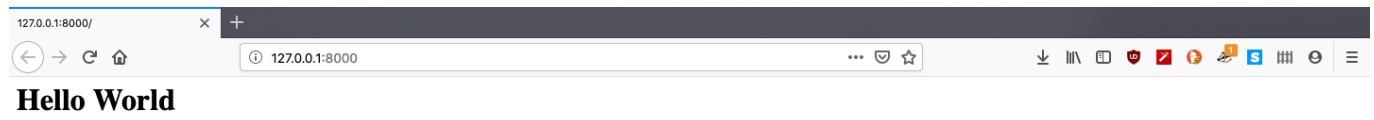
5.

Open your terminal and run the server

```
$ python manage.py runserver
```

6.

The following page will be displayed



That's it !! We, now have a working 'Hello World' application !