Hello World! Program in Django

Step 1: Install Python.

Step 2: Install Django.

Step 3: Create new folder for practice in any directory.

Step 4: In prompt, reach your folder.

```
Directory of C:\djproject

6-09-2020  08:37 AM    <DIR>          .
6-09-2020  08:37 AM    <DIR>          ..
            0 File(s)              0 bytes
            2 Dir(s)  151,046,037,504 bytes free
```

Step 5: Create Project

```
(base) C:\djproject>django-admin startproject website
```

Step 6: Get into the project (Code: CD website)

```
Directory of C:\djproject

26-09-2020  08:38 AM    <DIR>          .
26-09-2020  08:38 AM    <DIR>          ..
26-09-2020  08:38 AM    <DIR>          website
            0 File(s)              0 bytes
            3 Dir(s)  151,045,824,512 bytes free
```

Step 7: Check files you have in that folder.

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```
(base) C:\djproject\website>dir
 Volume in drive C is Windows
 Volume Serial Number is B405-D7E8

 Directory of C:\djproject\website

26-09-2020  08:38 AM    <DIR>          .
26-09-2020  08:38 AM    <DIR>          ..
26-09-2020  08:38 AM               648 manage.py
26-09-2020  08:38 AM    <DIR>          website
               1 File(s)            648 bytes
               3 Dir(s)  151,048,421,376 bytes free
```

Step 8: Runserver with manage.py

```
(base) C:\djproject\website>python manage.py runserver
Watching for file changes with StatReloader
```

You will get home page of your server

For Hello world Program

Step 9: Create App

```
(base) C:\djproject\website>python manage.py startapp tutorial
```


Step 10: Check files you have inside website now

```
(base) C:\djproject\website>dir
 Volume in drive C is Windows
 Volume Serial Number is B405-D7E8

 Directory of C:\djproject\website

26-09-2020  08:40 AM    <DIR>          .
26-09-2020  08:40 AM    <DIR>          ..
26-09-2020  08:39 AM                 0 db.sqlite3
26-09-2020  08:38 AM               648 manage.py
26-09-2020  08:44 AM    <DIR>          tutorial
26-09-2020  08:42 AM    <DIR>          website
               2 File(s)            648 bytes
               4 Dir(s)  151,046,582,272 bytes free
```


Step 11: Copy urls.py file from website folder(project folder) to tutorial folder(app folder).

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Step 12: Edit website folder(project folder) urls.py file

```
11        2. Add a URL to urlpatterns:  path('', Home.as_view(), name='home')
12  Including another URLconf
13        1. Import the include() function: from django.urls import include, path
14        2. Add a URL to urlpatterns:  path('blog/', include('blog.urls'))
15  """
16  from django.contrib import admin
17  from django.urls import path, include
18
19 ▾urlpatterns = [
20      path('admin/', admin.site.urls), path('',include('tutorial.urls'))
21  ]
22
```

Step 13: Edit tutorial folder(app folder) urls.py file

```
# from django.contrib import admin
from django.urls import path,include
from . import views


app_name='tutorial'
▾urlpatterns = [
    path('',views.homepage,name="homepage"),
]
```

Step 14: Edit tutorial folder(app folder) views.py file

```
1  from django.shortcuts import render
2  from django.http import HttpResponse
3
4  # Create your views here.
5
6 ▾def homepage(request):
7      return HttpResponse("Hello World!")
8
```

Step 15: Start your server again

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```
(base) C:\djproject\website>python manage.py runserver
```

Step 16: Check your browser again with same link http://127.0.0.1:8000/

That's all

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