

# P11 2347161

## Django Application

### Step 1: Create a virtual env in python

Set up your virtual env and pip install ``  
django

```
`` bash  
python -m venv venv  
  
./venv/Scripts/activate
```

### Step 2: Create *django* project

Use the `django-admin` command to create a new Django project. Replace `myproject` with your desired project name.

```
django-admin startproject myproject
```

### Step 3: Create *django* app

You can create Django apps within your project to organize your code. Use the following command to create an app:

```
python manage.py startapp myapp
```

This will create a sub-directory with the same name

### Step 4:

**Your Directory structure looks like this -**

```
myproject/  
├── myproject/  
│   ├── urls.py  
│   ├── settings.py  
│   └── views.py
```

```
└─ blog/
└─ apps.py
└─ urls.py
└─ views.py
```

- in our app directory(blog) there is a file named ``apps.py``, which has a class inheritaing from AppConfig class. Copy the name of the class and go to ``settings.py`` in root dir.
- paste it in the ``INSTALLED\_APPS`` list under your:

```
[APP_NAME].apps.[CLASS_NAME]
```

- create a ``templates`` dir in your app and then another dir of your ``APP\_NAME`` inside and then all the html files. Like so -

```
myproject/
└─ myproject/
  │ └─ urls.py
  │ └─ settings.py
  │ └─ views.py
└─ blog/
└─ templates/
  │ └─ blog/
  │ └─ index.html
└─ apps.py
└─ urls.py
└─ views.py
```

- got to ``views.py`` and make necessary changes by looking into views.py