

-> CREATING VIRTUAL ENV:

- Create a folder where you want to create your project.
- Go to that folder and install virtualenv (`c:\django>pip install virtualenv`)
- Create virtual env (`c:\django>python -m venv my_env`) `my_env` is name of virtualenv
- Activate venv (`c:\django>my_env\scripts\activate.bat`)
- Install django (`(my_env)c:\django>pip install django`)

-> CREATE PROJECT:

- Create project with “`django-admin startproject projectname`” command.
(`(my_env)c:\django>django-admin startproject projectname`)
- Create app. First go to that project and then create app with “`python manage.py startapp appName`”

->RUN DEVELOPMENT SERVER:

- `python manage.py run server`

->MIGRATIONS

- `python manage.py makemigrations`
- `python manage.py migrate`

->CREATE SUPERUSER:

- `Python manage.py createsuperuser`

-> In `urls.py` file of project we write `path(' ', include(appName.urls))`.this means those urls also include in this `urls.py`.

-> In app we write paths in `urls.py` file.here we define some paths.If it is empty then it indicates home page.
`path(' ',views.login,name=login)`

Here `views.py` file contains function called `login`.name is nothing but if we want to return to that path at any point then we can just use that name.In views we serve html files.

```
def Login(request):  
    return render(request,login.html)
```

For this to work we need to add path of these templates in `settings.py` file.

```
TEMPLATES = [  
  
    {  
  
        'BACKEND': 'django.template.backends.django.DjangoTemplates',  
        'DIRS': [os.path.join(BASE_DIR, 'templates')],
```

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