

Date – 01/06/2021

Name – NIRAV MOJAGAR

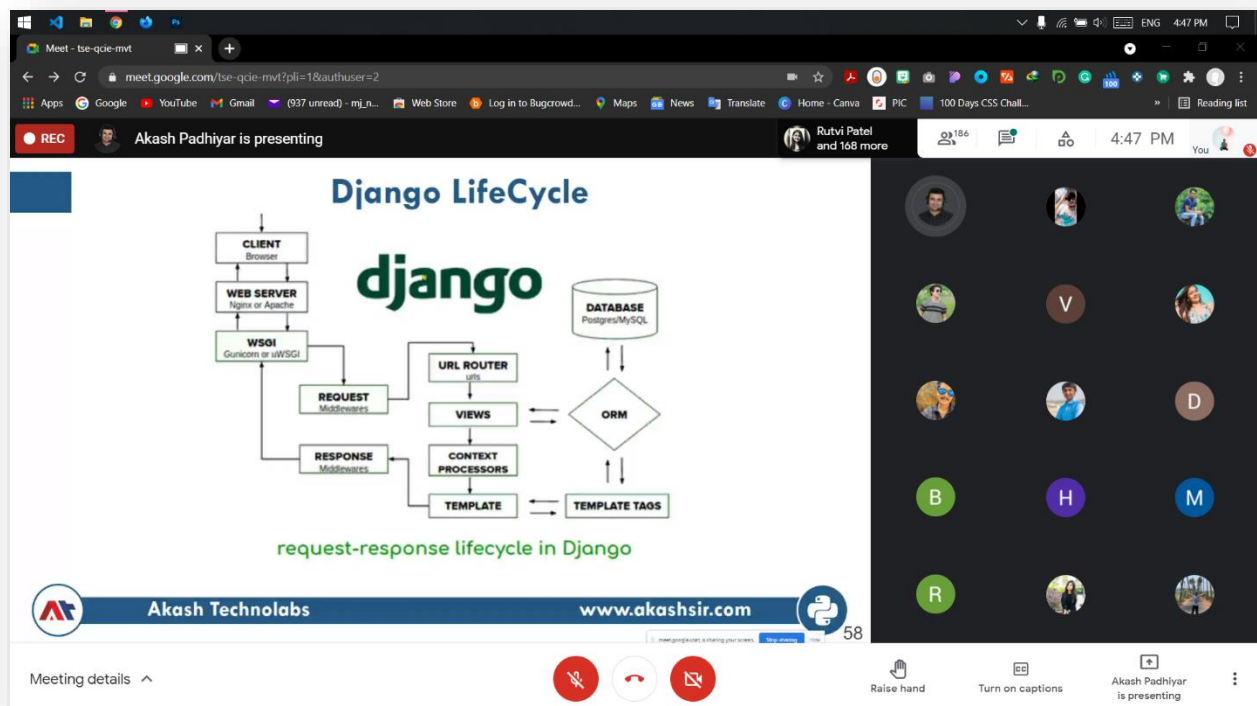
College – GOVERNMENT ENGINEERING COLLEGE, MODASA

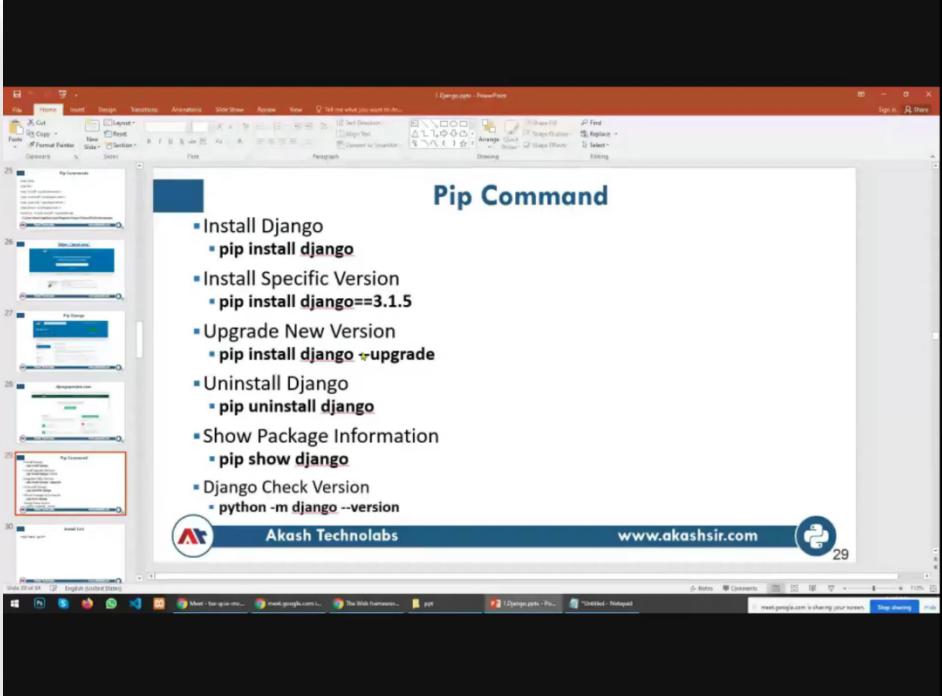
Branch – Information Technology (BE)

Sem -7th

Task

Django Framework Installation and Initial Project in Vs Code:



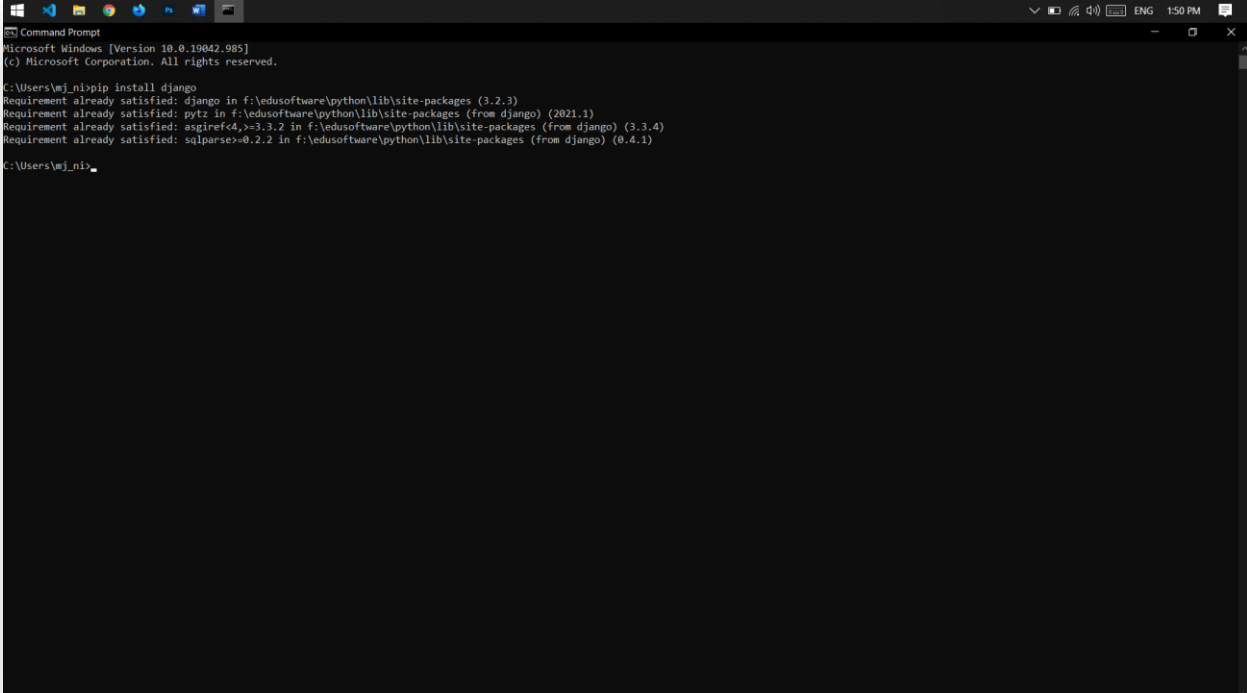


Pip Command

- Install Django
 - `pip install django`
- Install Specific Version
 - `pip install django==3.1.5`
- Upgrade New Version
 - `pip install django --upgrade`
- Uninstall Django
 - `pip uninstall django`
- Show Package Information
 - `pip show django`
- Django Check Version
 - `python -m django --version`

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Akash Padhiyar



```
Microsoft Windows [Version 10.0.19042.985]
(c) Microsoft Corporation. All rights reserved.

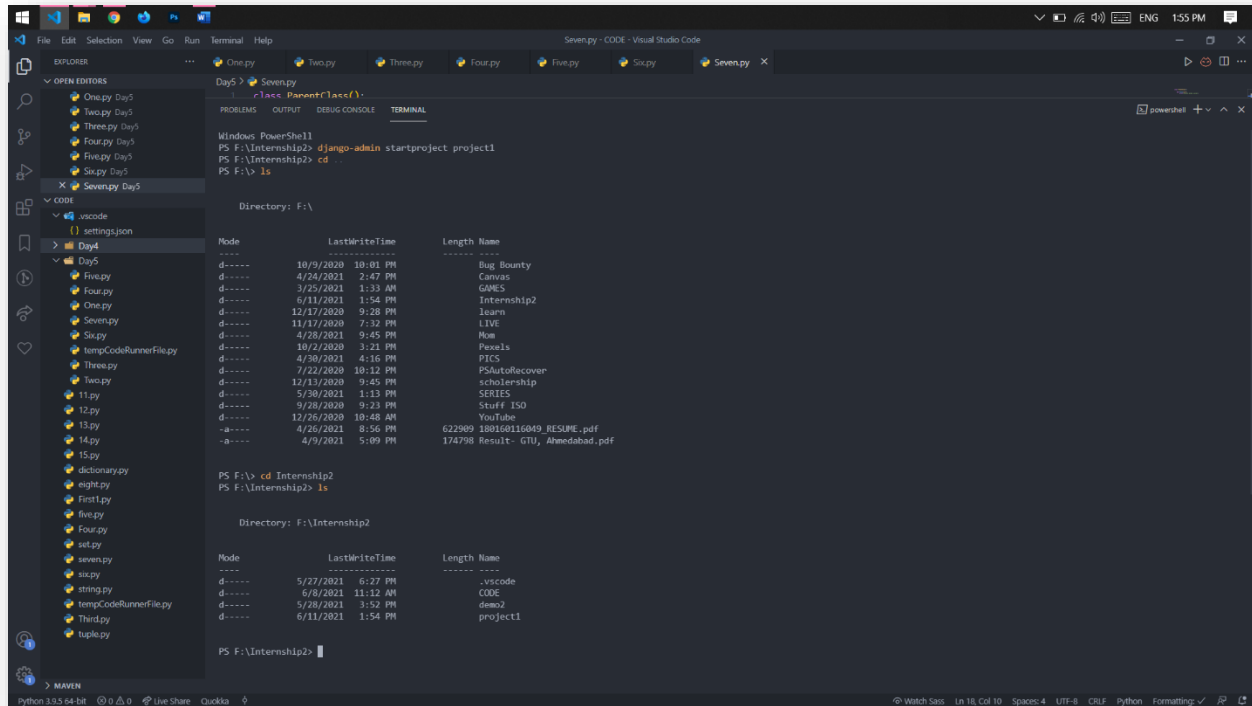
C:\Users\mj_ni>pip install django
Requirement already satisfied: django in f:\edusoftware\python\lib\site-packages (3.2.3)
Requirement already satisfied: pytz in f:\edusoftware\python\lib\site-packages (from django) (2021.1)
Requirement already satisfied: asgiref<4,>=3.3.2 in f:\edusoftware\python\lib\site-packages (from django) (3.3.4)
Requirement already satisfied: sqlparse>=0.2.2 in f:\edusoftware\python\lib\site-packages (from django) (0.4.1)

C:\Users\mj_ni>
```

Steps to Create Django Project :-

Commands –

1. Django-admin startproject projectname

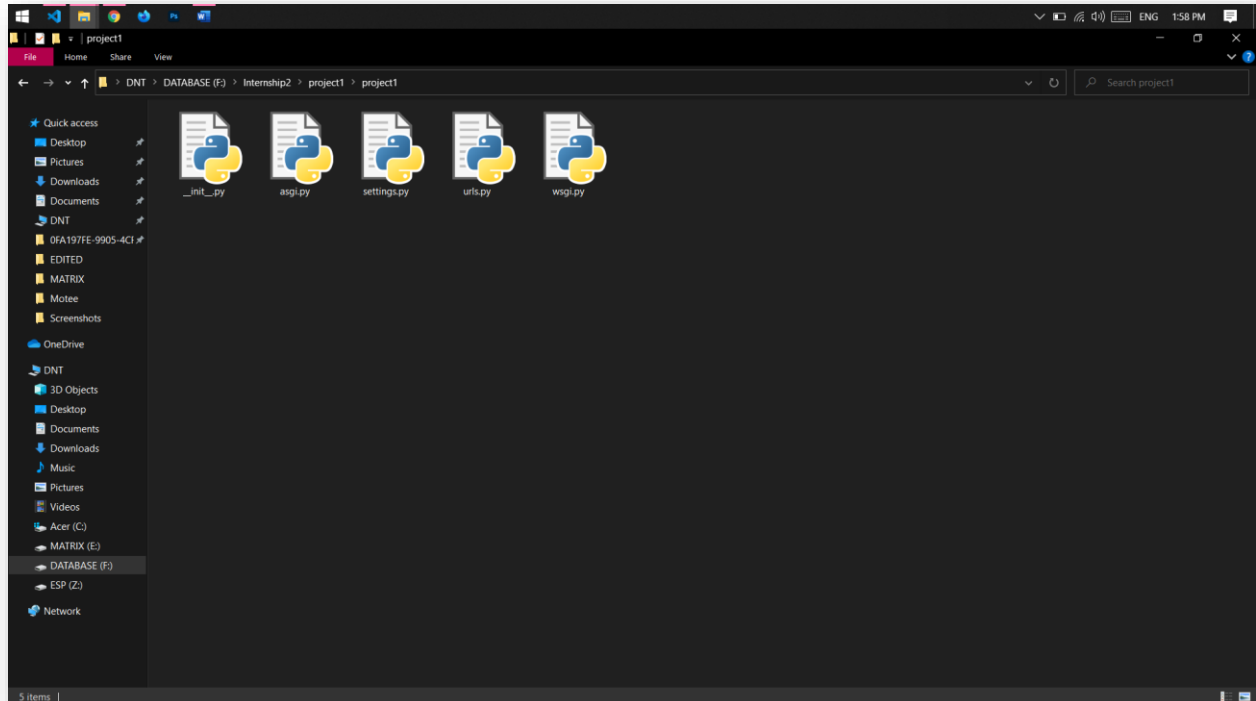
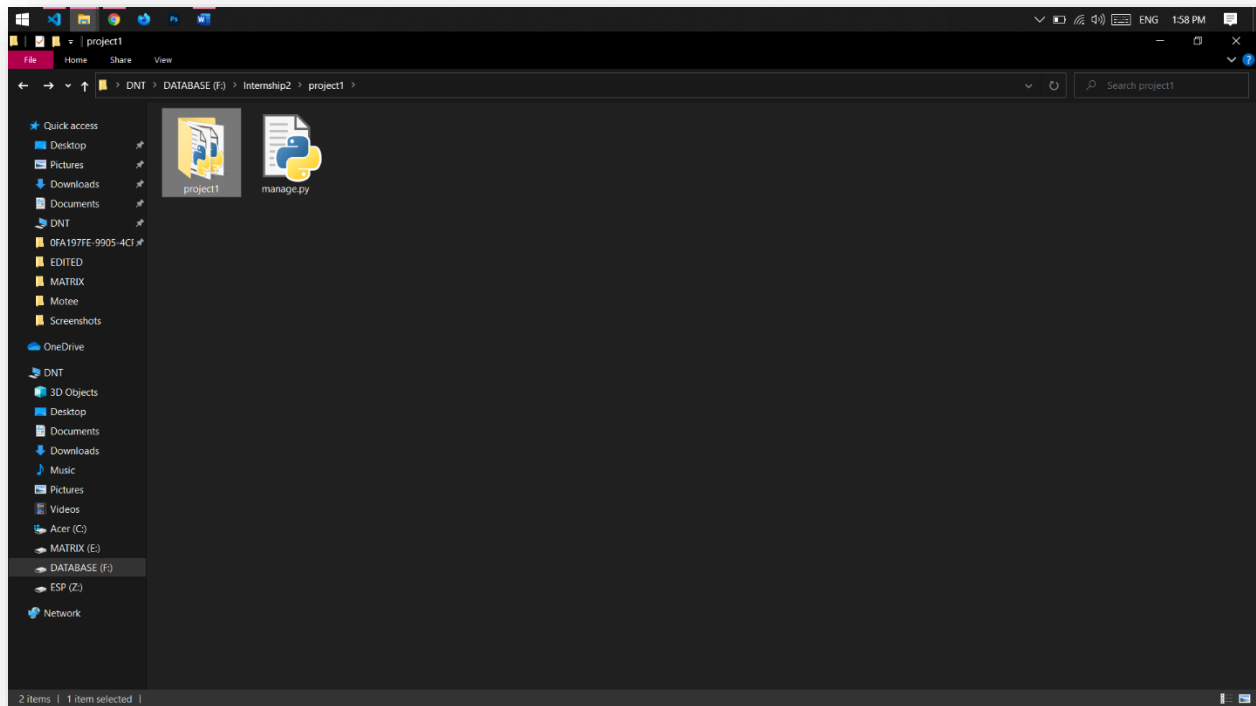


The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays the following commands and output:

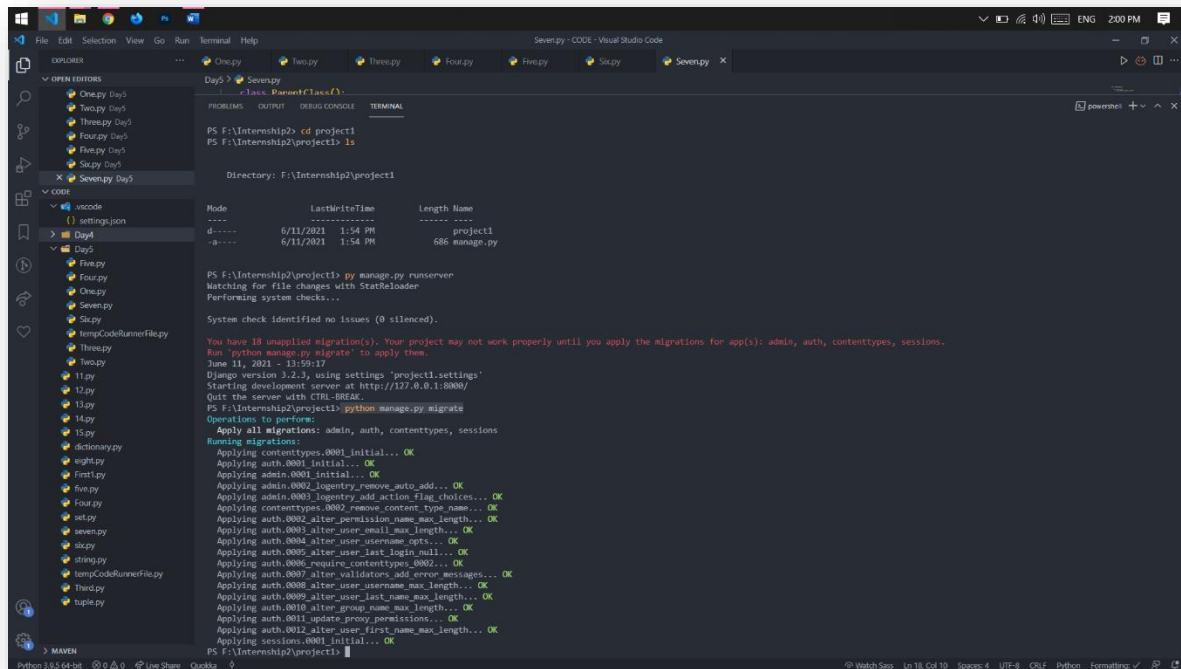
```
Windows PowerShell
PS F:\Internship2> django-admin startproject project1
PS F:\Internship2> cd .
PS F:\> ls
```

The file explorer on the left shows a directory structure with files named Day1 through Day5, and a subdirectory named Seven.py. The terminal output shows the directory listing for F:\, including files like Bug Bounty, Canvas, GAMES, Internship2, Learn, LIVE, Mom, Pixels, PICS, PSAutorecover, scholarship, SERIES, Stuff ISO, YouTube, 622909 180160116049_RESUME.pdf, and 174798 Result- GTU, Ahmedabad.pdf.

The terminal also shows the directory listing for F:\Internship2, including files like .vscode, CODE, demo2, and project1.



2. python manage.py migrate



```
PS F:\Internship2> cd project1
PS F:\Internship2\project1> ls

Directory: F:\Internship2\project1

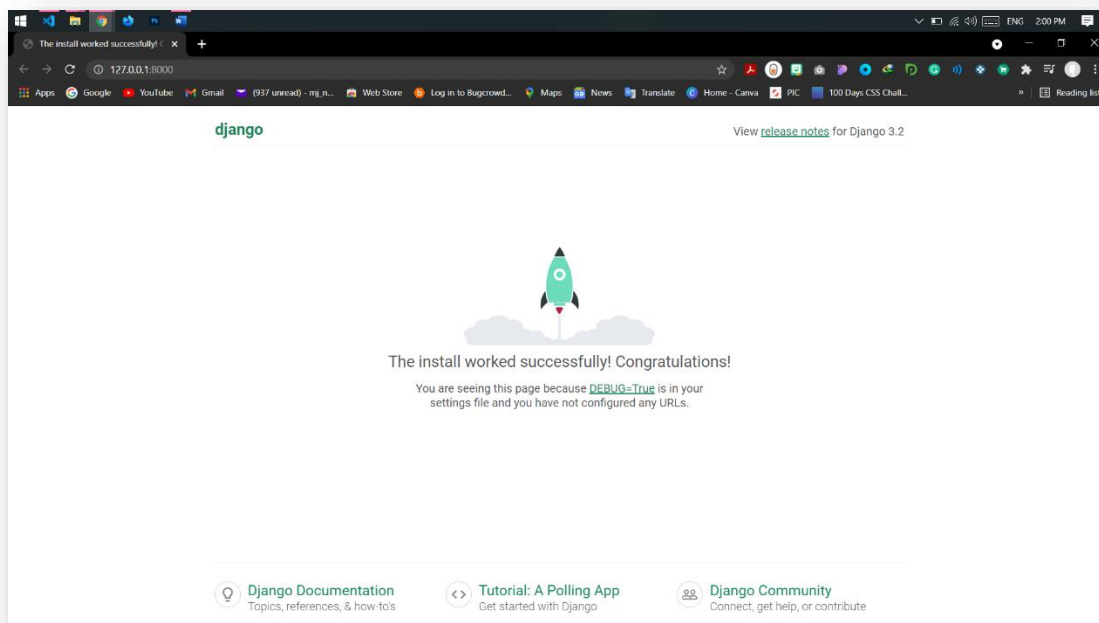
Mode                LastWriteTime         Length Name
----                -
d-----        6/11/2021   1:54 PM             project1
-a-----        6/11/2021   1:54 PM             686 manage.py

PS F:\Internship2\project1> py manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).

You have 18 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, sessions.
Run 'python manage.py migrate' to apply them.
June 11, 2021 - 13:59:17
Django version 3.2.3, using settings 'project1.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
PS F:\Internship2\project1> python manage.py migrate
Operations to perform:
  Apply all migrations: admin, auth, contenttypes, sessions
Running migrations:
  Applying contenttypes.0001_initial... OK
  Applying auth.0001_initial... OK
  Applying admin.0001_initial... OK
  Applying admin.0002_logentry_remove_auto_add... OK
  Applying admin.0003_logentry_add_action_flag_choices... OK
  Applying contenttypes.0002_remove_content_type_name... OK
  Applying auth.0002_alter_permission_name_max_length... OK
  Applying auth.0003_alter_user_email_max_length... OK
  Applying auth.0004_alter_user_username_opts... OK
  Applying auth.0005_alter_user_last_login_null... OK
  Applying auth.0006_require_contenttypes_0002... OK
  Applying auth.0007_alter_validators_add_error_messages... OK
  Applying auth.0008_alter_user_username_max_length... OK
  Applying auth.0009_alter_user_last_name_max_length... OK
  Applying auth.0010_alter_group_name_max_length... OK
  Applying auth.0011_update_proxy_permissions... OK
  Applying auth.0012_alter_user_first_name_max_length... OK
  Applying sessions.0001_initial... OK
PS F:\Internship2\project1>
```

3. Python manage.py runserver



Project setup file :-

