

Date – 01/06/2021

Name – Vishal Prajapati

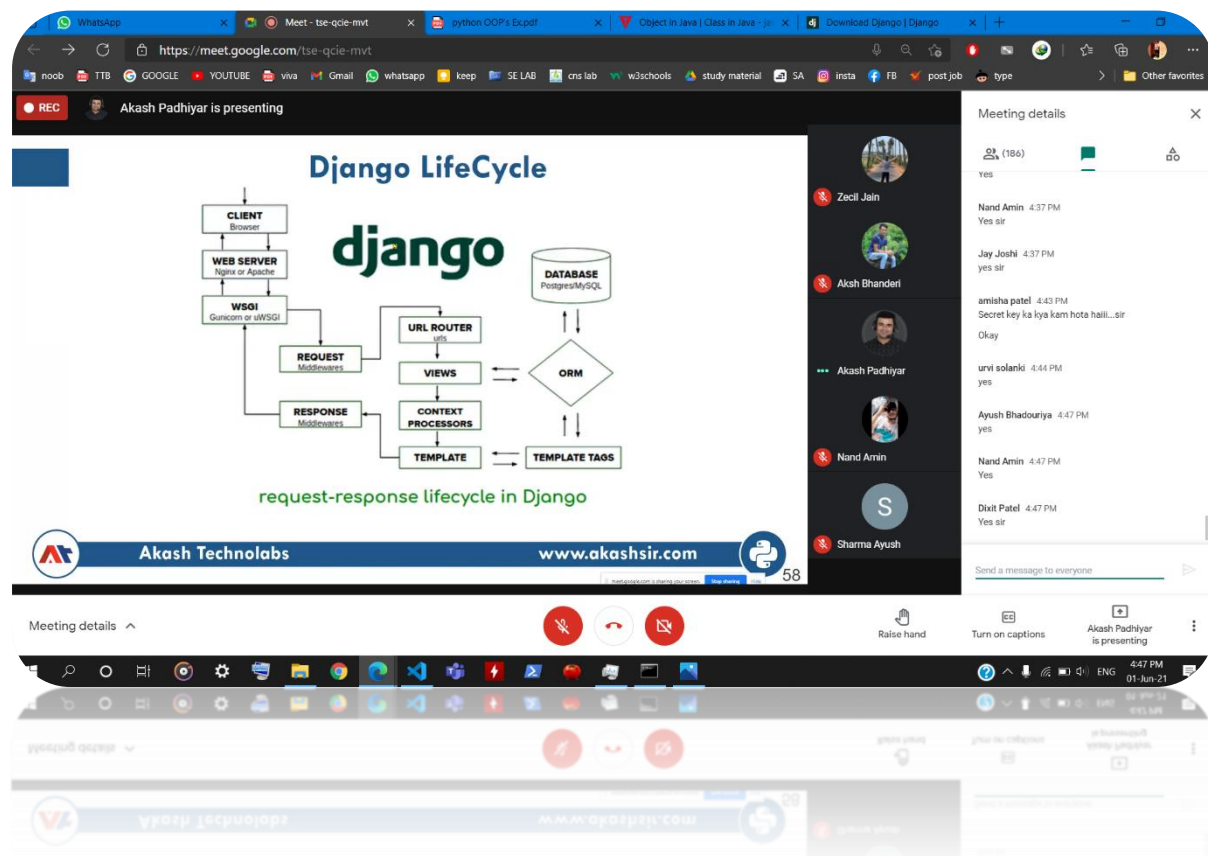
College – GOVERNMENT ENGINEERING COLLEGE, MODASA

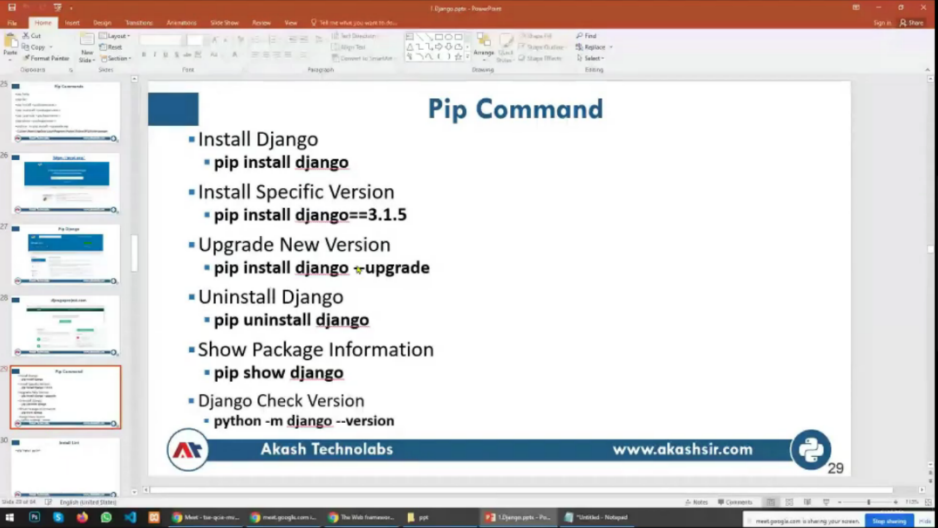
Branch – Information Technology (BE)

Sem -7th

- Task of Day 6:

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 10.0.19043.985]
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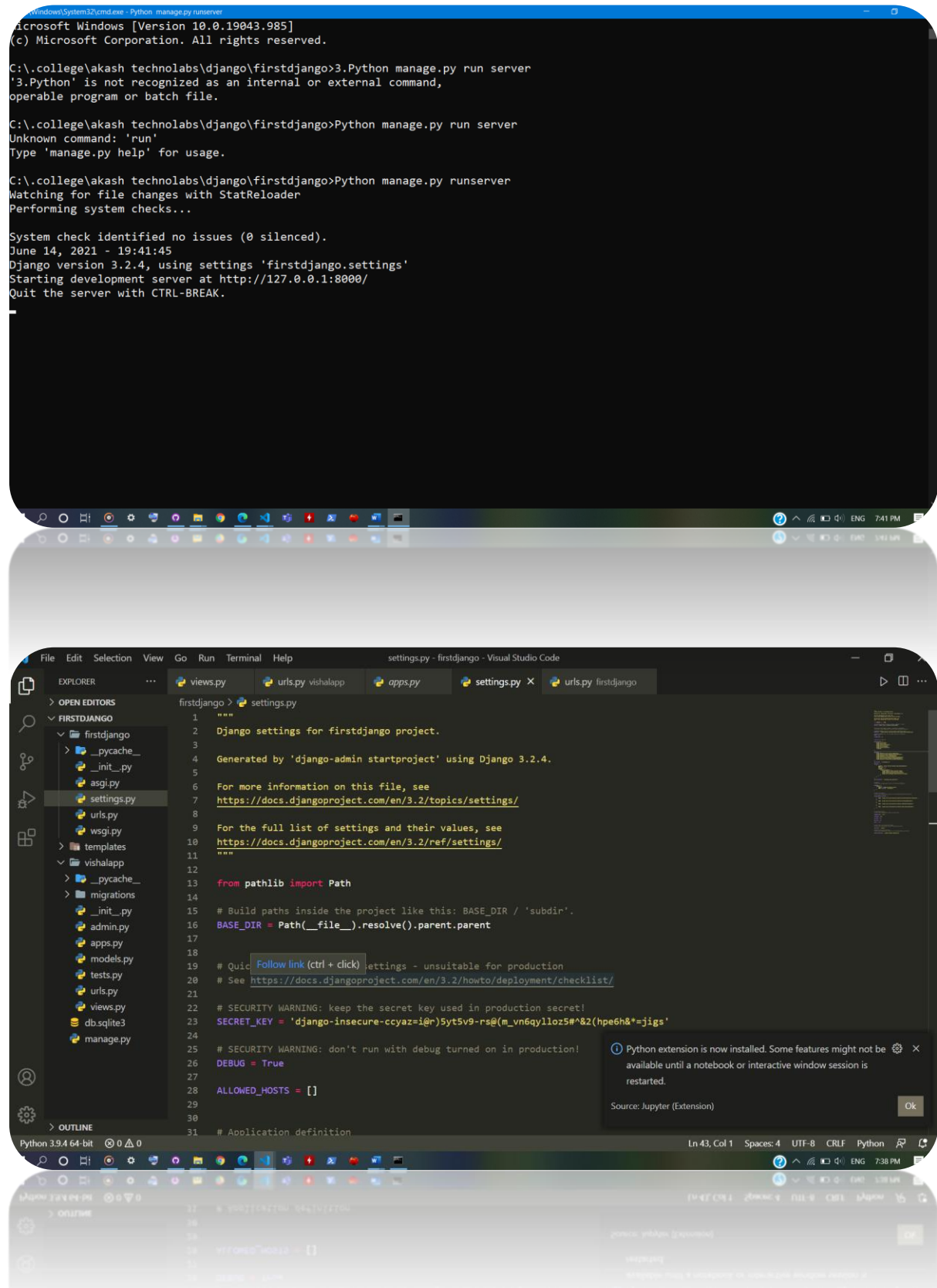
C:\Users\visha>pip install django
Defaulting to user installation because normal site-packages is not writeable
Requirement already satisfied: django in c:\users\visha\appdata\roaming\python\python39\site-packages (3.2.4)
Requirement already satisfied: asgiref<4,>=3.3.2 in c:\users\visha\appdata\roaming\python\python39\site-packages (from django) (3.3.4)
Requirement already satisfied: pytz in c:\users\visha\appdata\roaming\python\python39\site-packages (from django) (2021.1)
Requirement already satisfied: sqlparse>=0.2.2 in c:\users\visha\appdata\roaming\python\python39\site-packages (from django) (0.4.1)

C:\Users\visha>
```

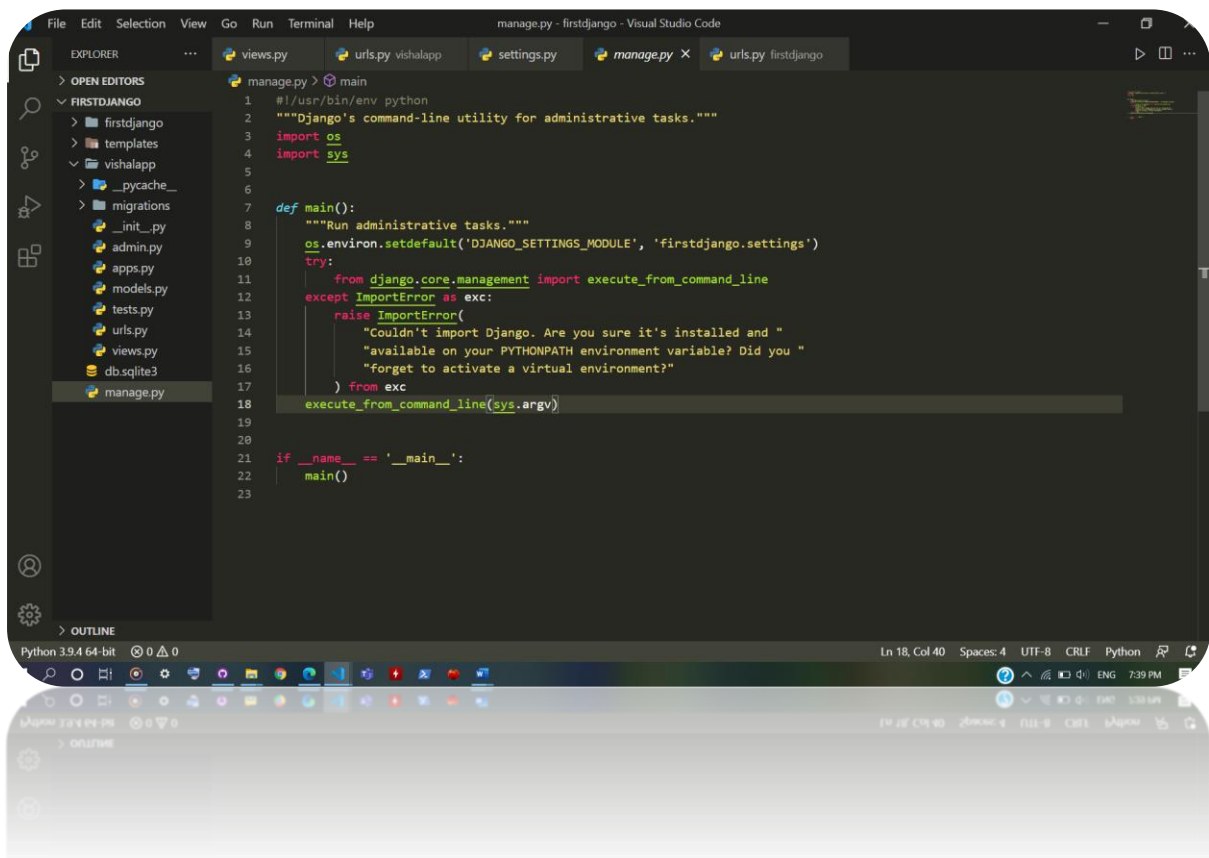
## Steps to Create Django Project :-

### Commands –

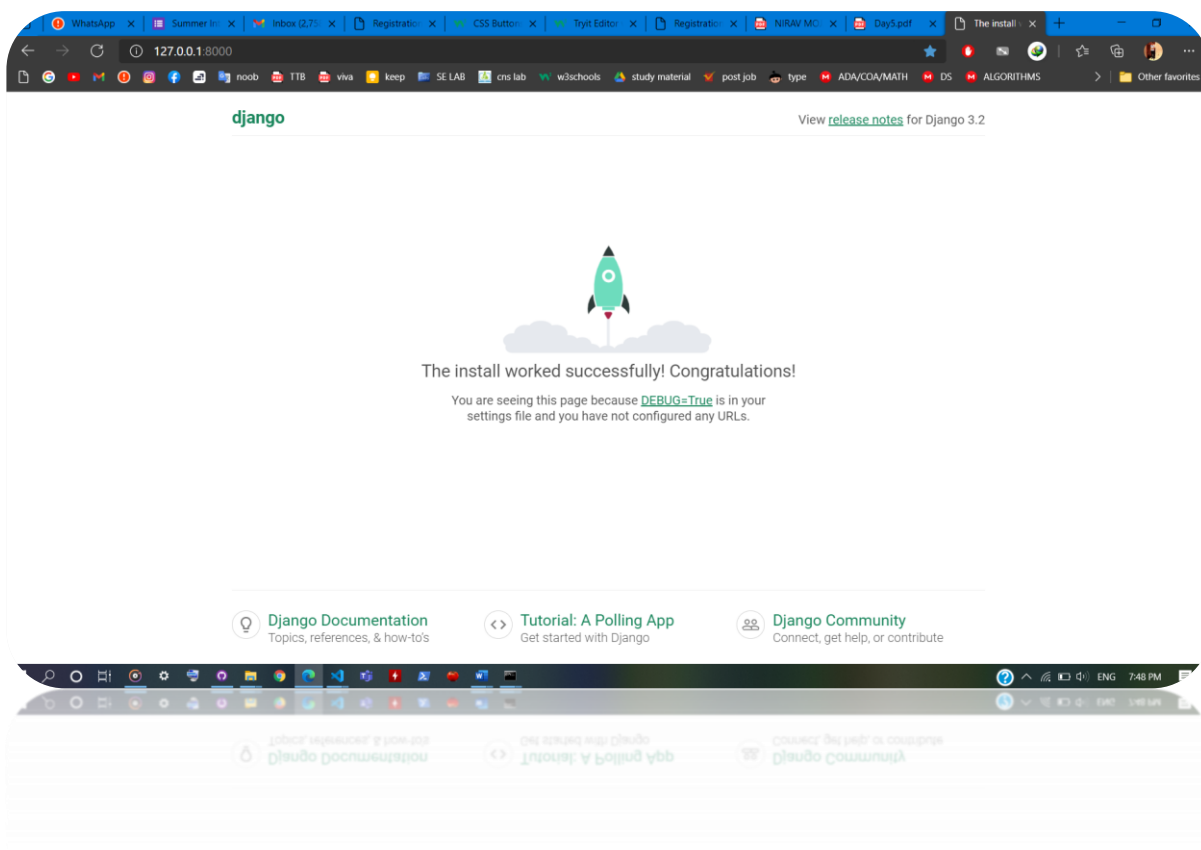
#### 1. Django-admin start project project name



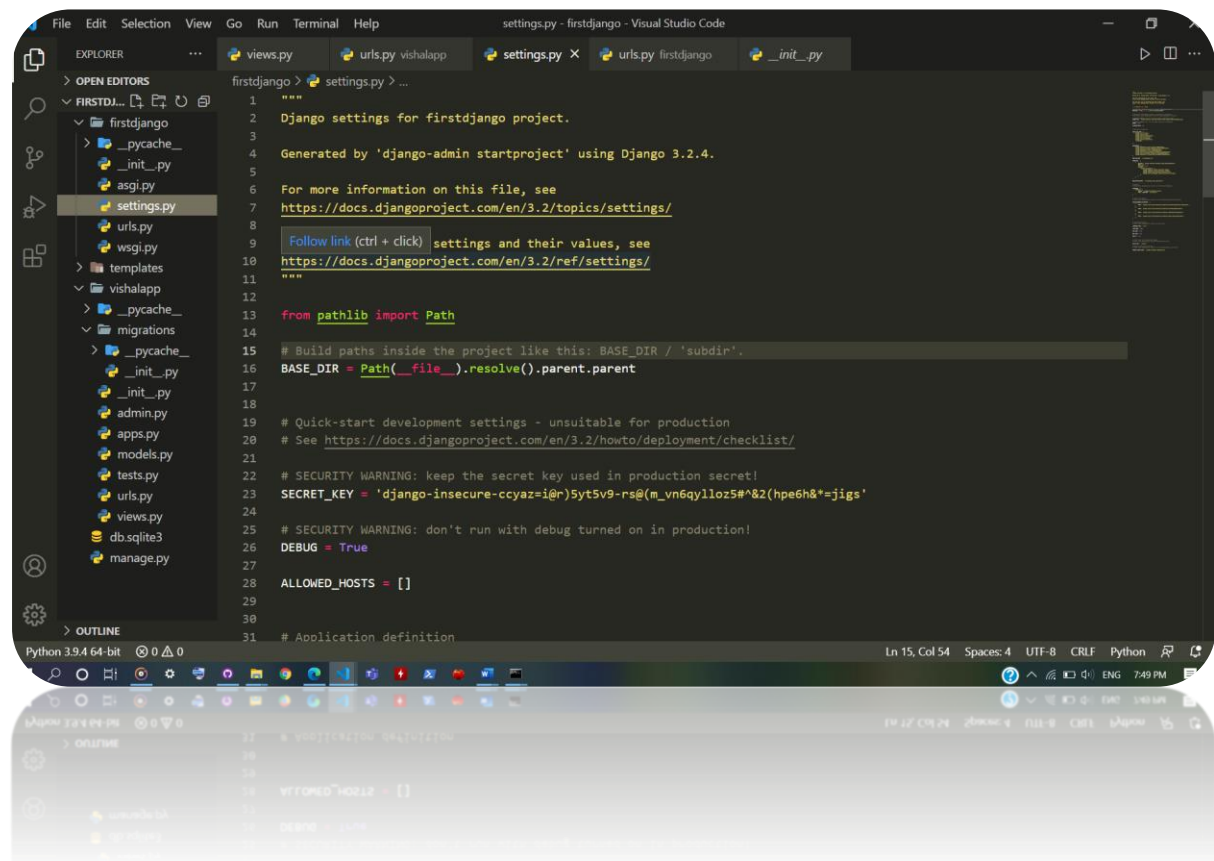
## 2. python manage.py migrate



## 3. Python manage.py run server



## Project setup file :-



The screenshot displays the Visual Studio Code editor with the 'settings.py' file open for a Django project named 'firstdjango'. The file contains the following content:

```
1 """
2 Django settings for firstdjango project.
3
4 Generated by 'django-admin startproject' using Django 3.2.4.
5
6 For more information on this file, see
7 https://docs.djangoproject.com/en/3.2/topics/settings/
8
9 Follow link (ctrl + click) settings and their values, see
10 https://docs.djangoproject.com/en/3.2/ref/settings/
11 """
12
13 from pathlib import Path
14
15 # Build paths inside the project like this: BASE_DIR / 'subdir'.
16 BASE_DIR = Path(__file__).resolve().parent.parent
17
18 # Quick-start development settings - unsuitable for production
19 # See https://docs.djangoproject.com/en/3.2/howto/deployment/checklist/
20
21 # SECURITY WARNING: keep the secret key used in production secret!
22 SECRET_KEY = 'django-insecure-ccyaz=i@r)5yt5v9-rs@m_vn6qylloz5#^&2(hpe6h&*=jigs'
23
24 # SECURITY WARNING: don't run with debug turned on in production!
25 DEBUG = True
26
27 ALLOWED_HOSTS = []
28
29
30
31 # Application definition
```

The Explorer sidebar on the left shows the project structure, including files like 'views.py', 'urls.py', 'asgi.py', 'wsgi.py', 'templates', 'migrations', 'admin.py', 'apps.py', 'models.py', 'tests.py', 'urls.py', 'views.py', 'db.sqlite3', and 'manage.py'. The status bar at the bottom indicates the file is using Python 3.9.4 64-bit, UTF-8 encoding, and CRLF line endings.