

Date – 02/06/2021

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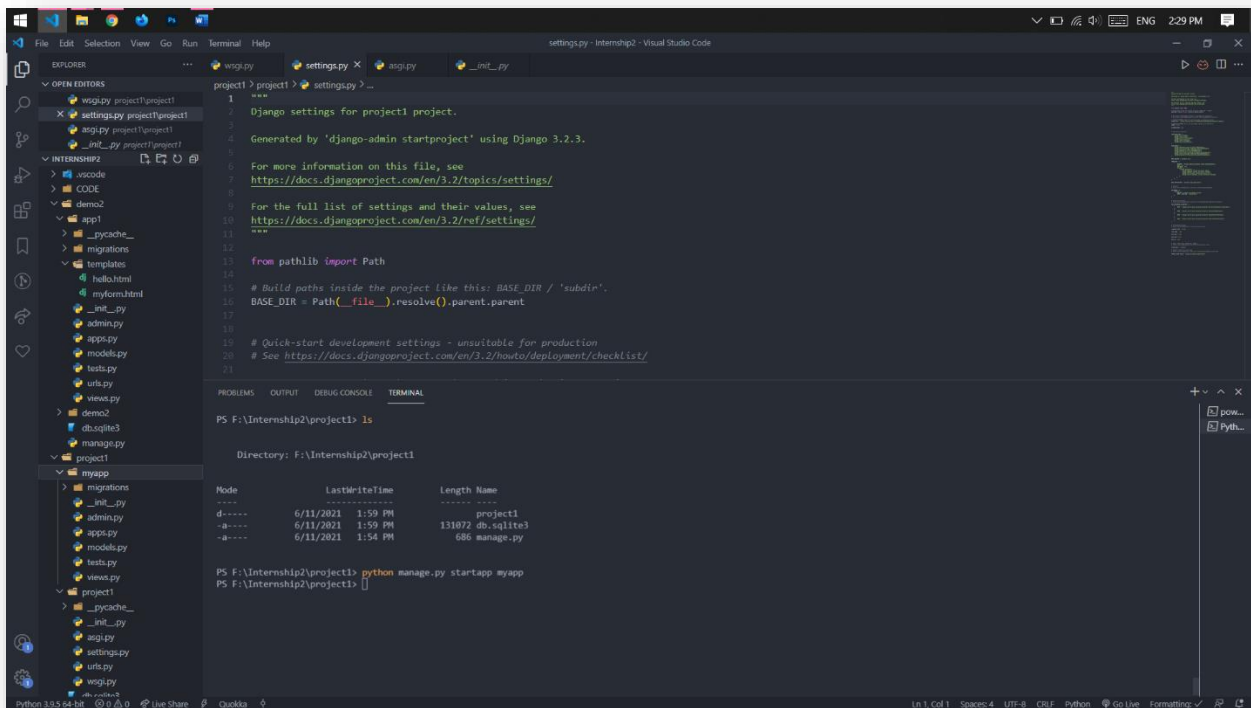
Branch – Information Technology (BE)

Sem -7th

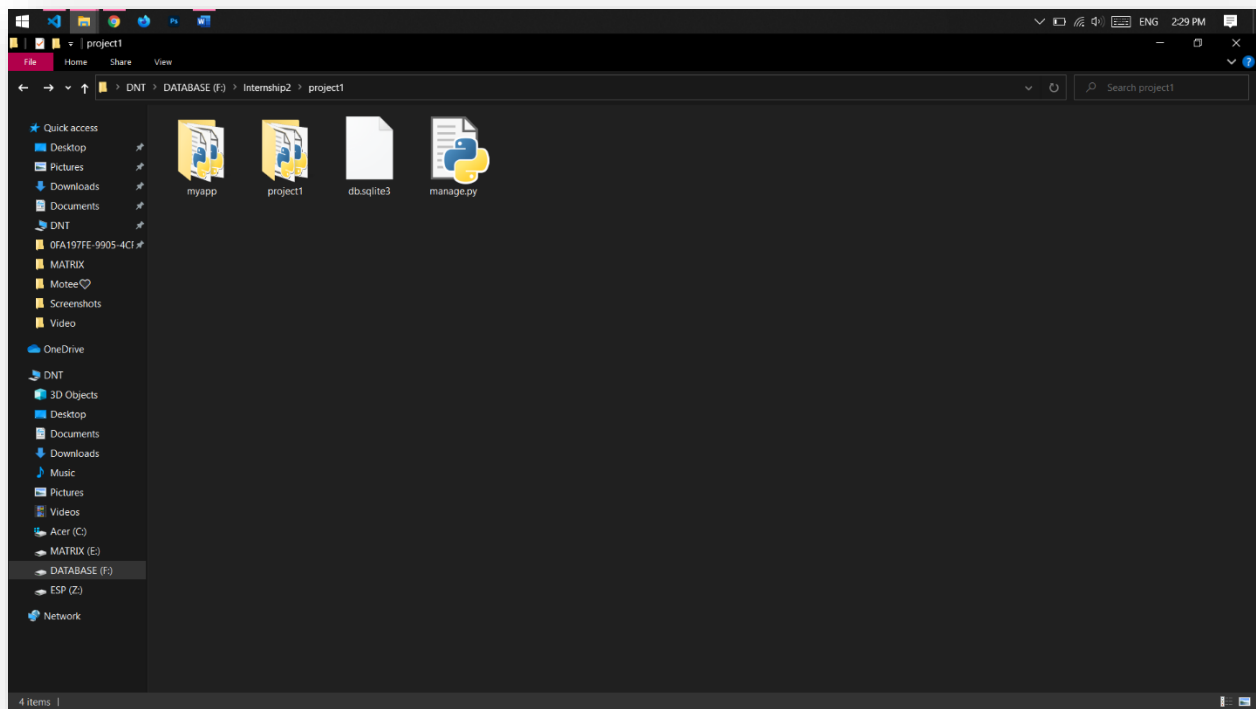
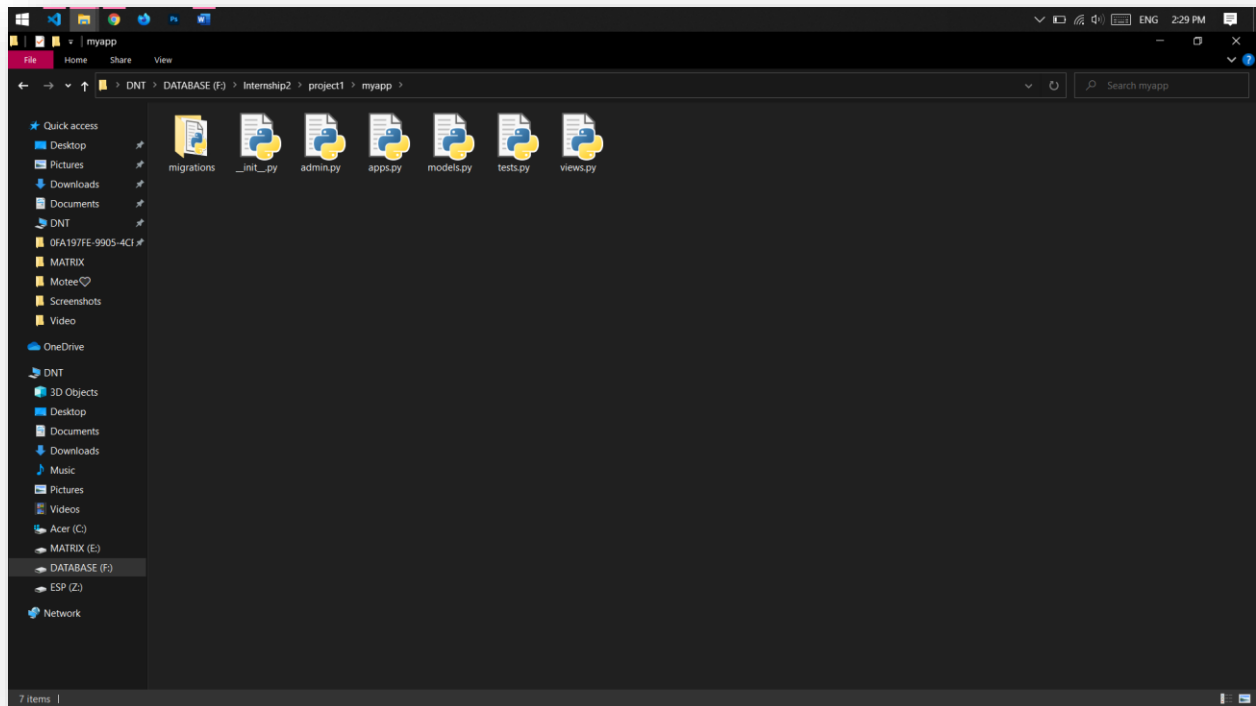
Task

Creating an app basic work on Django Project:

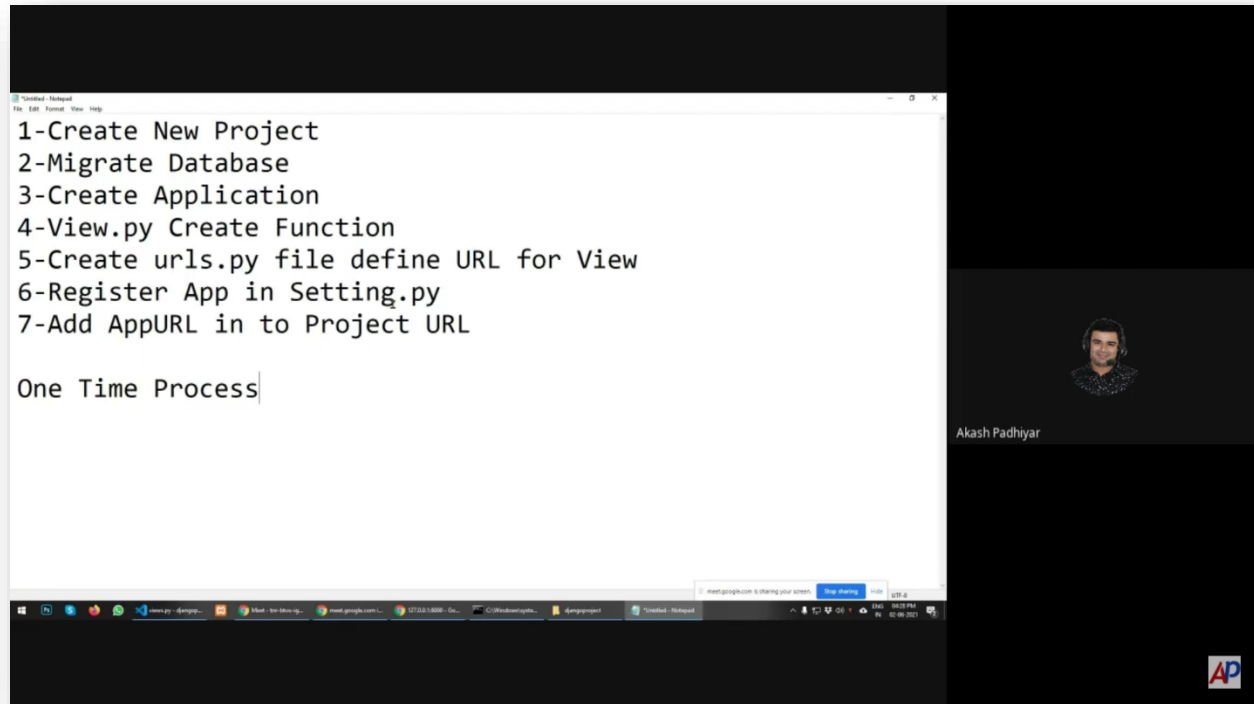
1. Create app
"python manage.py startapp myapp"



```
1  """
2  Django settings for project1 project.
3
4  Generated by 'django-admin startproject' using Django 3.2.3.
5
6  For more information on this file, see
7  https://docs.djangoproject.com/en/3.2/topics/settings/
8
9  For the full list of 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/
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It's all one time process:-



After creating an app we need to code in views.py

```
from django.shortcuts import render
from django.http import HttpResponse

def homepageview(request):
    return HttpResponse("Welcome to Django Project")
```

Code of urls.py

```
from django.urls import path
from . import views

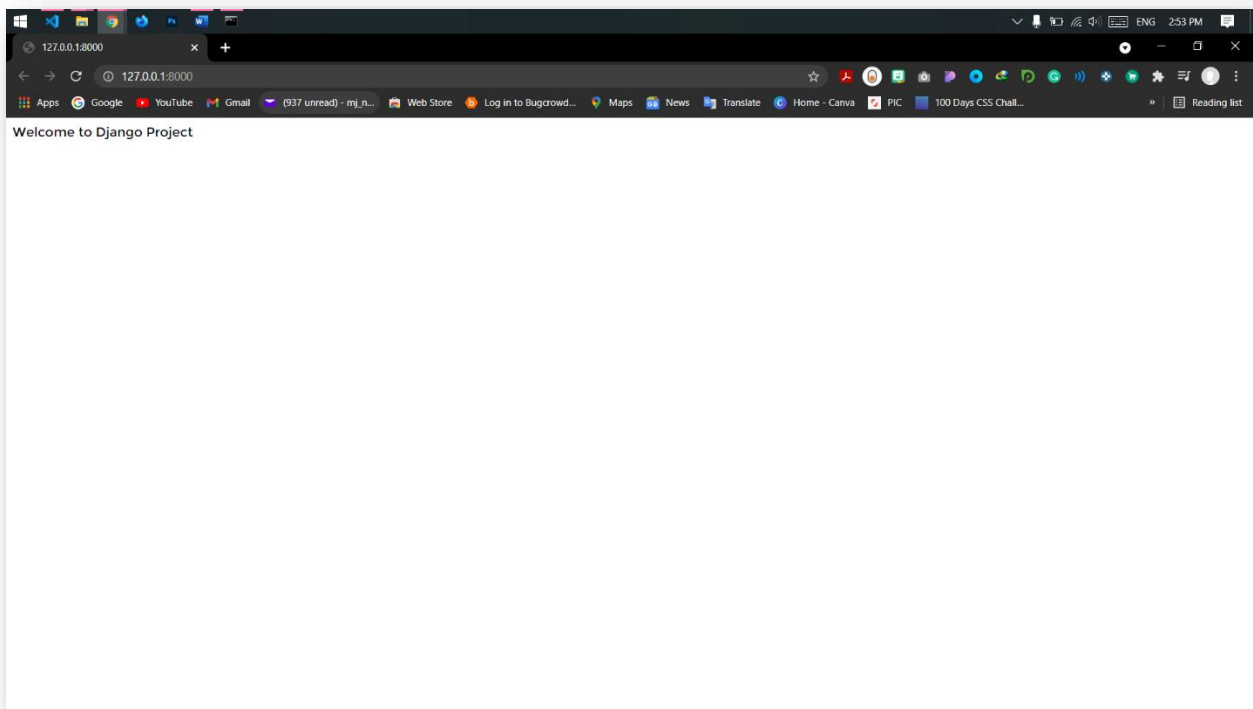
urlpatterns = [
    path('', views.homepageview, name="home"),
]
```

**Then in Project1 folder in urls.py
We need to define the path of our app**

Project1 urls.py code

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

urlpatterns = [
    path('admin/', admin.site.urls),
    path('',include('myapp.urls')),
]
```

Output:**Project is live –****By default it will run on the Port number 8000****<http://127.0.0.1:8000/>**

Now try by adding more Views in these Project

Views.py

```
from django.shortcuts import render
from django.http import HttpResponse

def homepageview(request):
    return HttpResponse("Welcome to Django Project")

def aboutpageview(request):
    return HttpResponse("About us Page")

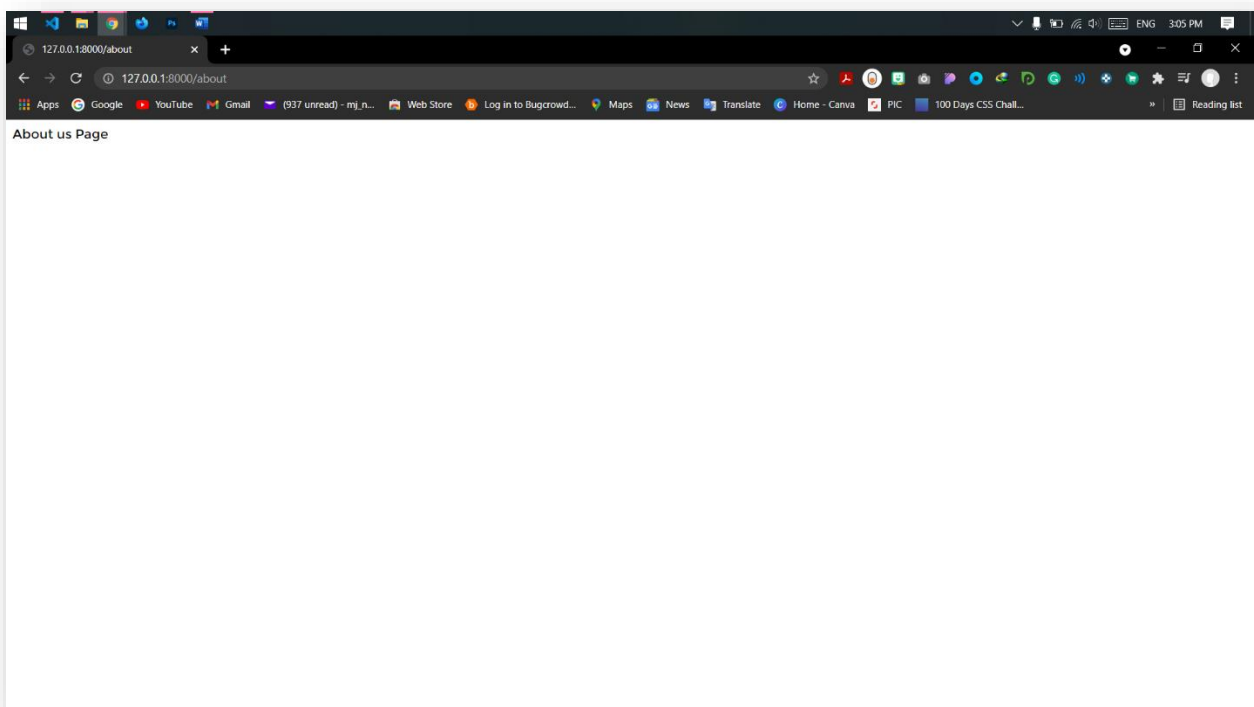
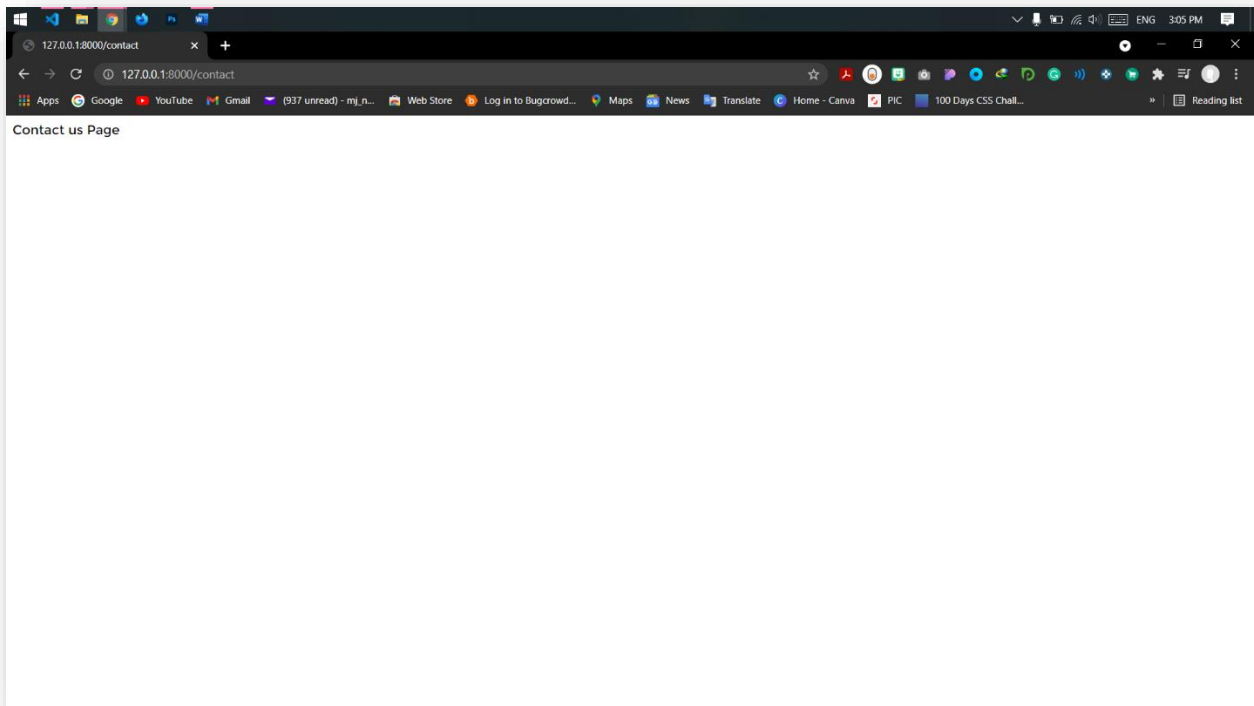
def contactpageview(request):
    return HttpResponse("Contact us Page")
```

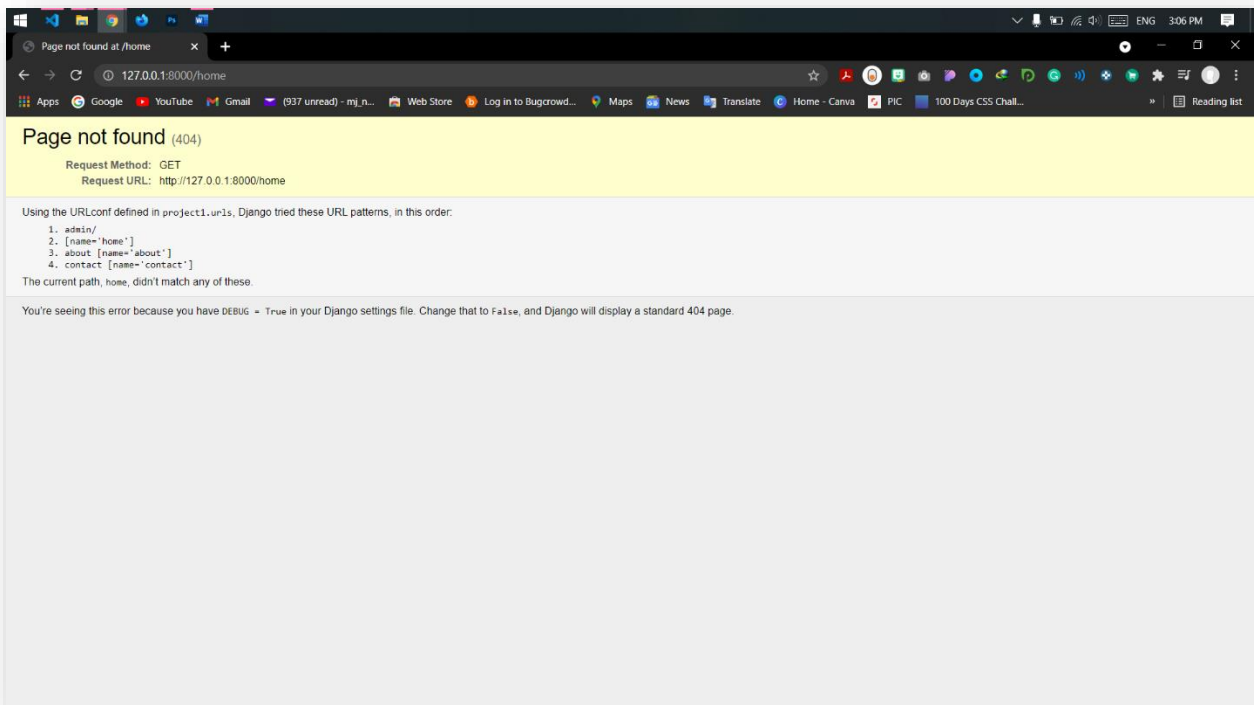
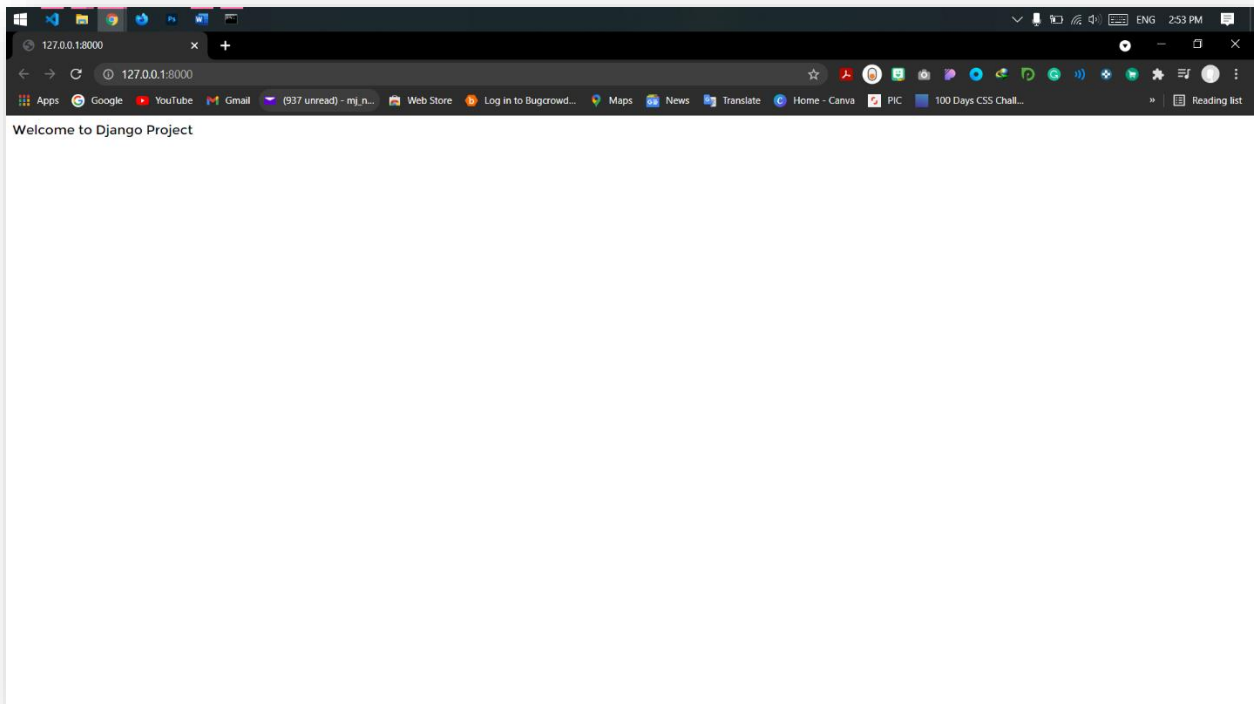
Urls.py

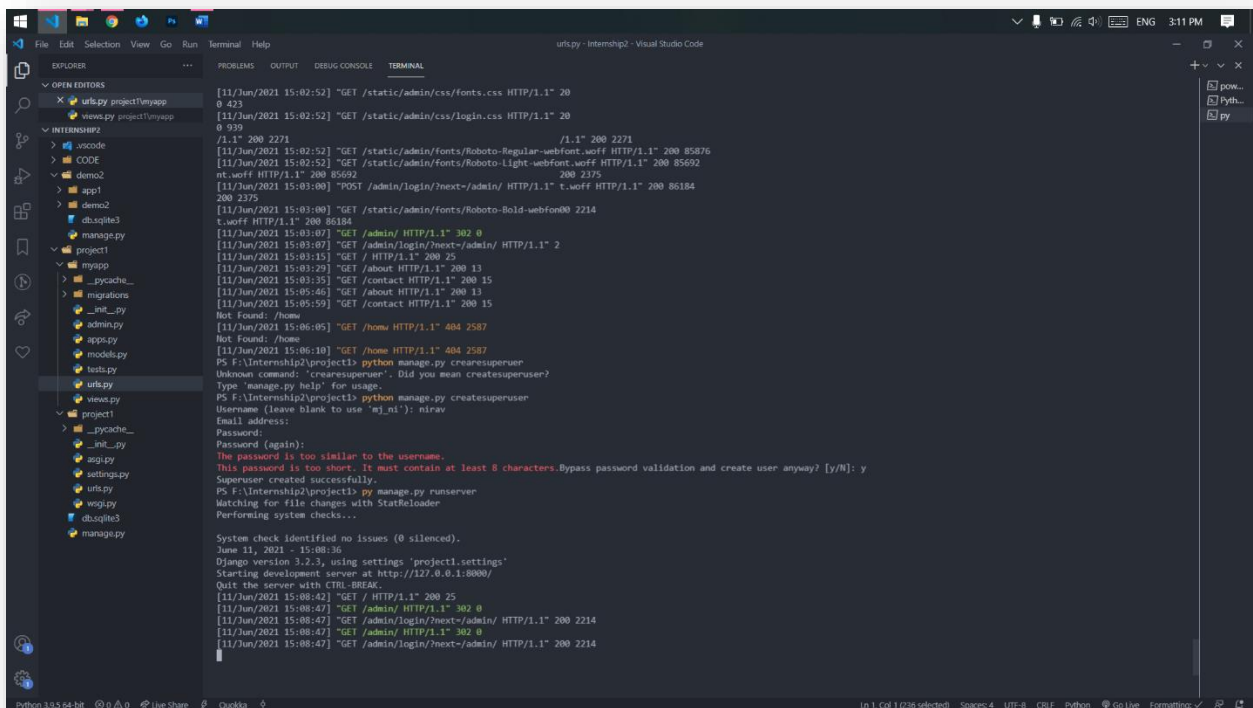
```
from django.urls import path
from . import views

urlpatterns = [
    path('', views.homepageview, name="home"),
    path('about', views.aboutpageview, name="about"),
    path('contact', views.contactpageview, name="contact"),
]
```

Output: -





For creating a super user**Use command – python manage.py createsuperuser****PS F:\Internship2\project1> python manage.py createsuperuser****Username (leave blank to use 'mj_ni'): nirav****Email address:****Password:****Password (again):****The password is too similar to the username.****This password is too short. It must contain at least 8 characters. Bypass password validation and create user anyway? [y/N]: y****Superuser created successfully.**

```
PS F:\Internship2\project1> python manage.py createsuperuser
[11/Jun/2021 15:02:52] "GET /static/admin/css/fonts.css HTTP/1.1" 20
0 423
[11/Jun/2021 15:02:52] "GET /static/admin/css/login.css HTTP/1.1" 20
0 939
[11/Jun/2021 15:02:52] "GET /static/admin/fonts/Roboto-Regular-webfont.woff HTTP/1.1" 200 2271
[11/Jun/2021 15:02:52] "GET /static/admin/fonts/Roboto-Light-webfont.woff HTTP/1.1" 200 85692
[11/Jun/2021 15:02:52] "GET /static/admin/fonts/Roboto-Bold-webfont.woff HTTP/1.1" 200 85692
[11/Jun/2021 15:03:00] "POST /admin/login/?next=/admin/ HTTP/1.1" 200 2375
[11/Jun/2021 15:03:00] "GET /static/admin/fonts/Roboto-Bold-webfont.woff HTTP/1.1" 200 86184
[11/Jun/2021 15:03:00] "GET /static/admin/fonts/Roboto-Bold-webfont.woff HTTP/1.1" 200 86184
[11/Jun/2021 15:03:07] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 25
[11/Jun/2021 15:03:15] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 25
[11/Jun/2021 15:03:29] "GET /about HTTP/1.1" 200 13
[11/Jun/2021 15:03:35] "GET /contact HTTP/1.1" 200 13
[11/Jun/2021 15:03:46] "GET /about HTTP/1.1" 200 13
[11/Jun/2021 15:05:59] "GET /contact HTTP/1.1" 200 13
Not Found: /home
[11/Jun/2021 15:06:05] "GET /home HTTP/1.1" 404 2587
Not Found: /home
[11/Jun/2021 15:06:10] "GET /home HTTP/1.1" 404 2587
PS F:\Internship2\project1> python manage.py createsuperuser
Unknown command: 'createsuperuser'. Did you mean createsuperuser?
Type 'manage.py help' for usage.
PS F:\Internship2\project1> python manage.py createsuperuser
Username (leave blank to use 'mj_ni'): nirav
Email address:
Password:
Password (again):
The password is too similar to the username.
This password is too short. It must contain at least 8 characters. Bypass password validation and create user anyway? [y/N]: y
Superuser created successfully.
PS F:\Internship2\project1> python manage.py runserver
Matching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
June 11, 2021 - 15:08:36
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.
[11/Jun/2021 15:08:42] "GET / HTTP/1.1" 200 25
[11/Jun/2021 15:08:47] "GET /admin/ HTTP/1.1" 302 0
[11/Jun/2021 15:08:47] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 2214
[11/Jun/2021 15:08:47] "GET /admin/ HTTP/1.1" 302 0
[11/Jun/2021 15:08:47] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 2214
```


Opening an admin panel in Browser: -

