

Date – 02/06/2021

Name – Vishal Prajapati

College – GOVERNMENT ENGINEERING COLLEGE, MODASA

Branch – Information Technology (BE)

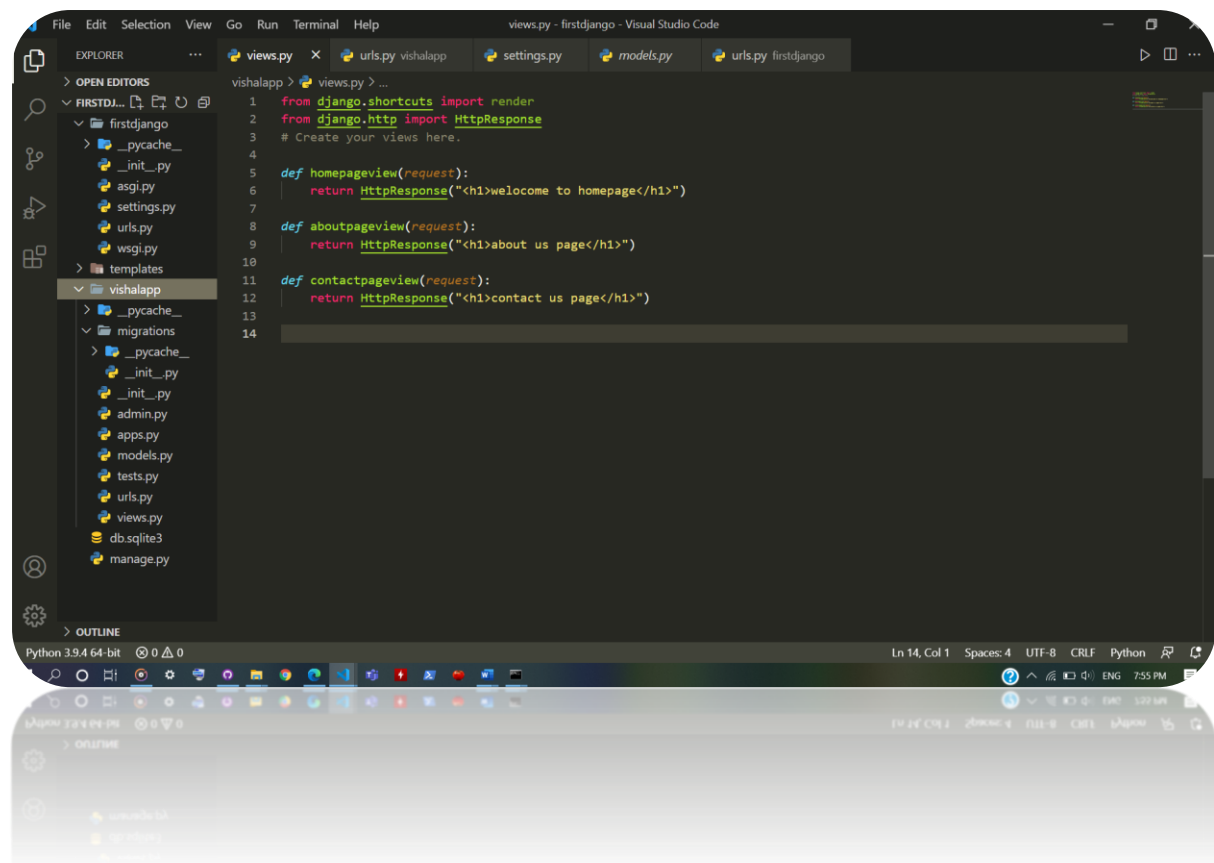
Sem -7th

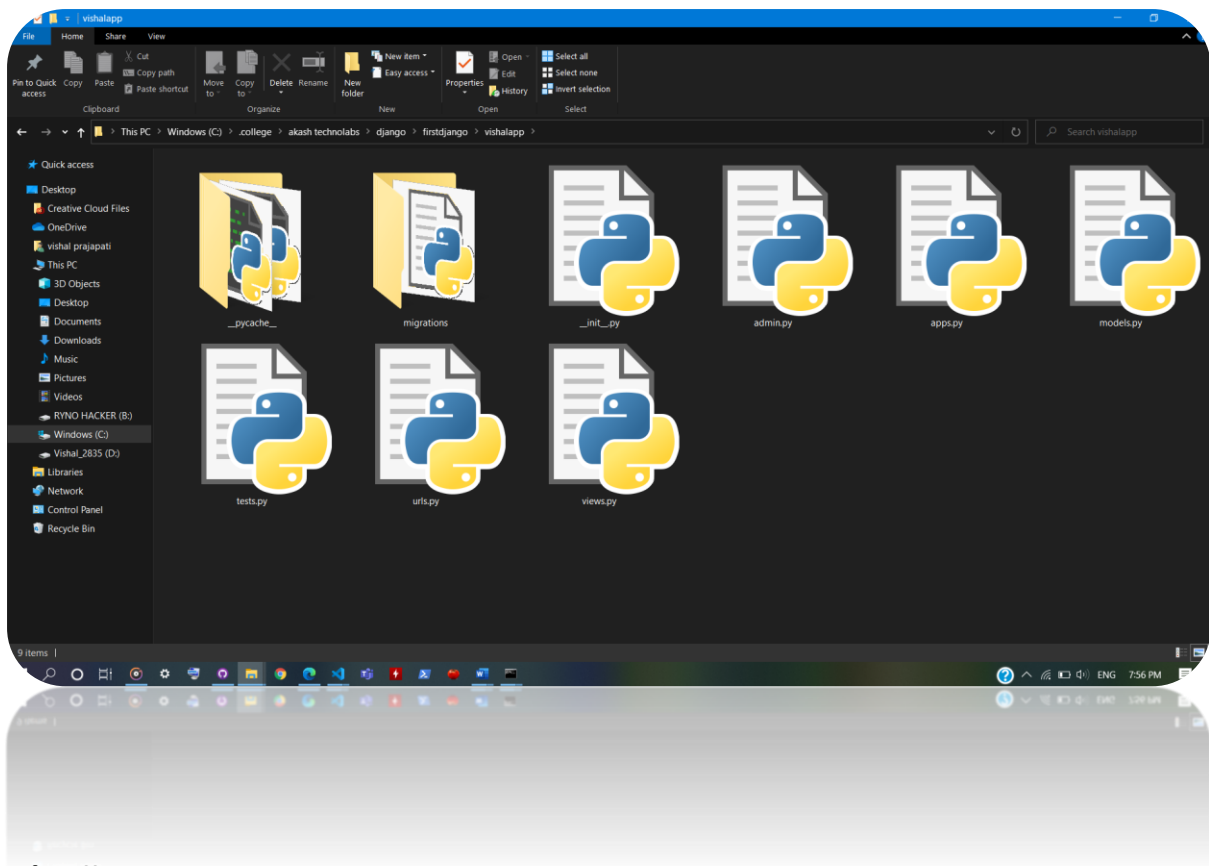
Task for Day 7:

Creating an app basic work on Django Project:

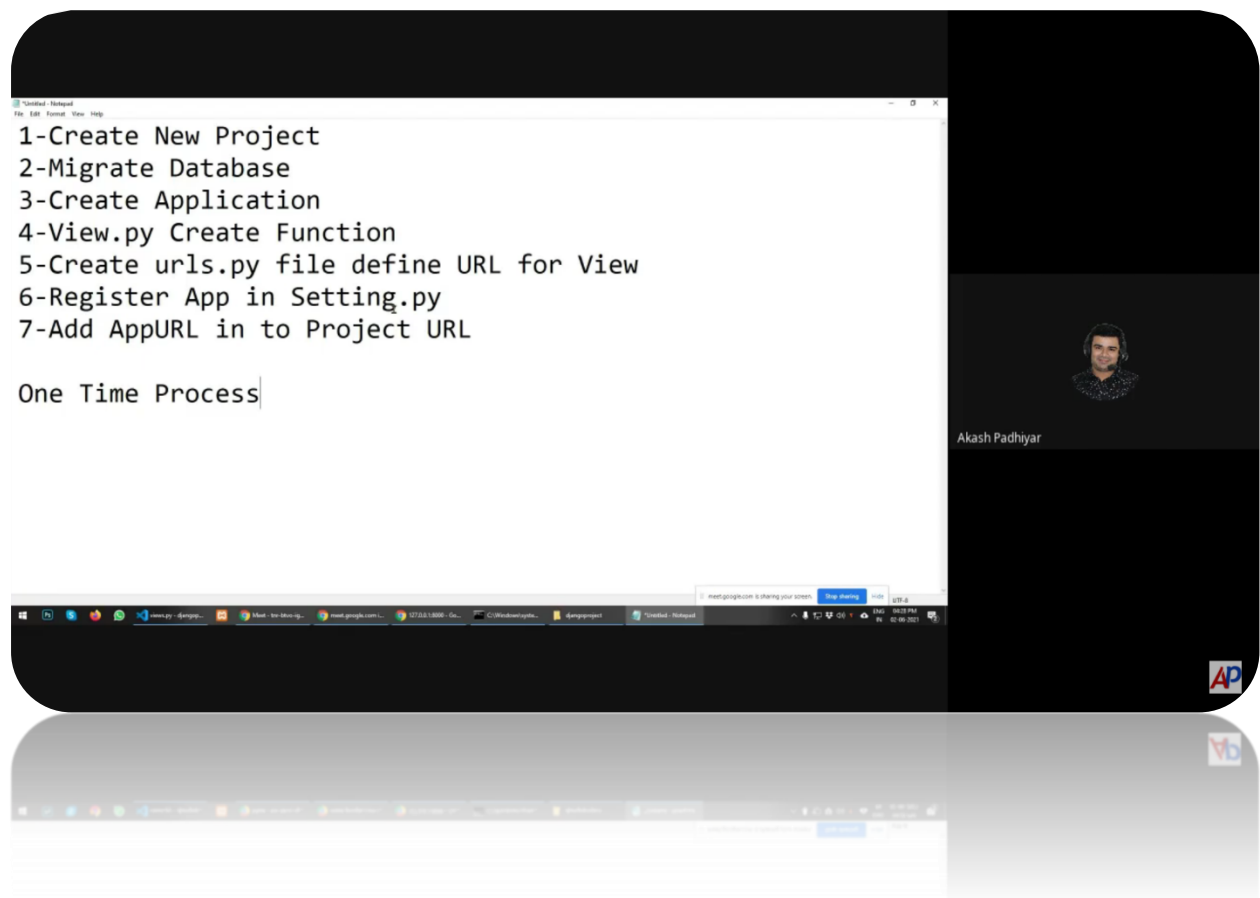
1. Create app

“python manage.py startapp myapp”





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(ewquest):
    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

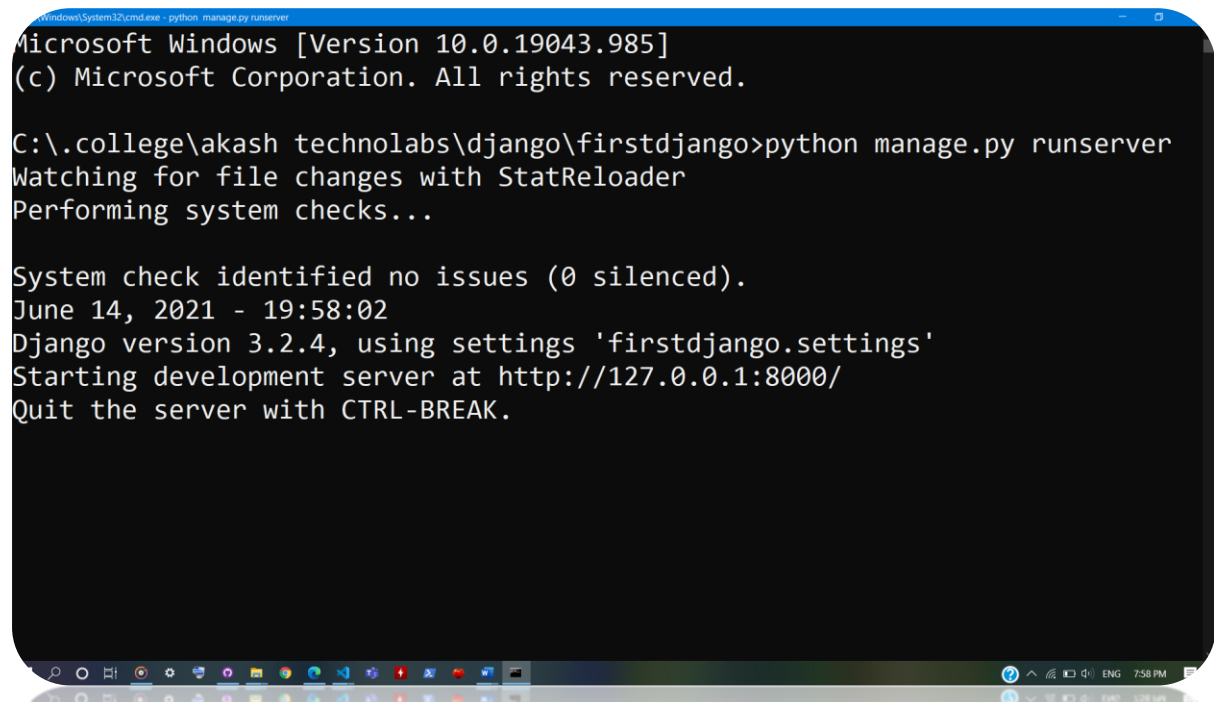
urlpatterns = [
    path('admin/', admin.site.urls),
    path("",include('myapp.urls')),]
```

Output:

Project is live –

By default it will run on the Port number 8000

<http://127.0.0.1:8000/>

A screenshot of a Windows command prompt window. The title bar reads "C:\Windows\System32\cmd.exe - python manage.py runserver". The command prompt shows the following text: "Microsoft Windows [Version 10.0.19043.985] (c) Microsoft Corporation. All rights reserved. C:\.college\akash technolabs\django\firstdjango>python manage.py runserver Watching for file changes with StatReloader Performing system checks... System check identified no issues (0 silenced). June 14, 2021 - 19:58:02 Django version 3.2.4, using settings 'firstdjango.settings' Starting development server at http://127.0.0.1:8000/ Quit the server with CTRL-BREAK." The Windows taskbar is visible at the bottom with various application icons and a system clock showing 7:58 PM on 6/14/2021.

```
Microsoft Windows [Version 10.0.19043.985]
(c) Microsoft Corporation. All rights reserved.

C:\.college\akash technolabs\django\firstdjango>python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
June 14, 2021 - 19:58:02
Django version 3.2.4, using settings 'firstdjango.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
```

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 homepage")
```

```
def aboutpageview(request):
```

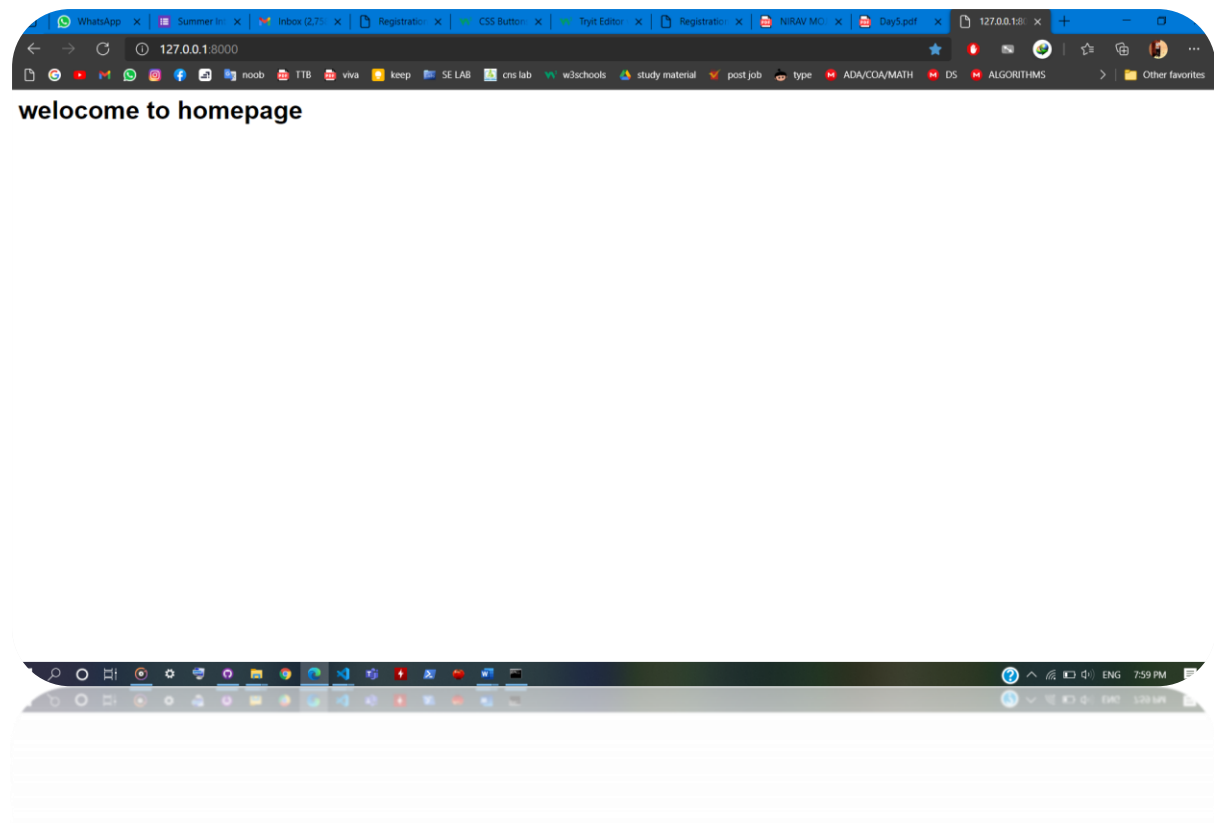
```
    return HttpResponse("About us Page")
```

```
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: -



Use command – `python manage.py createsuperuser`



Opening an admin panel in Browser: -

