Date – 02/06/2021

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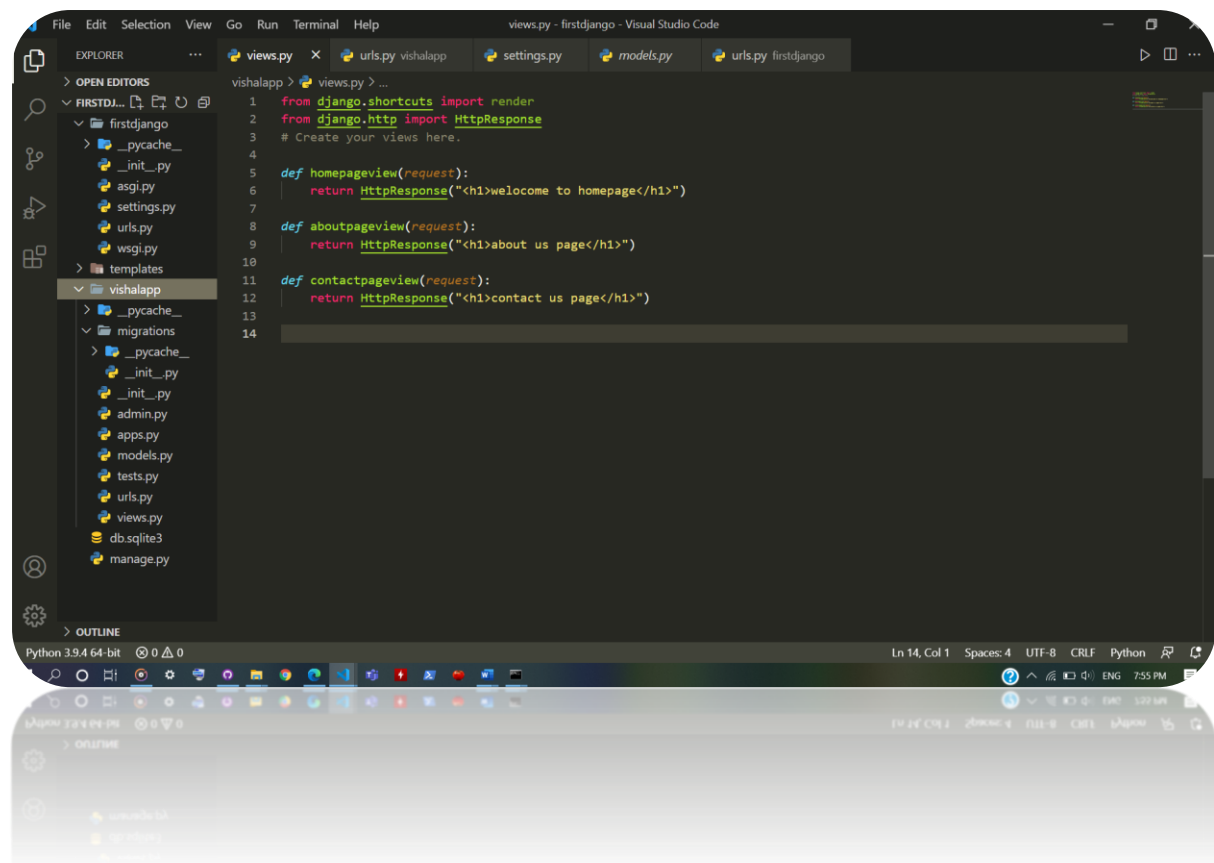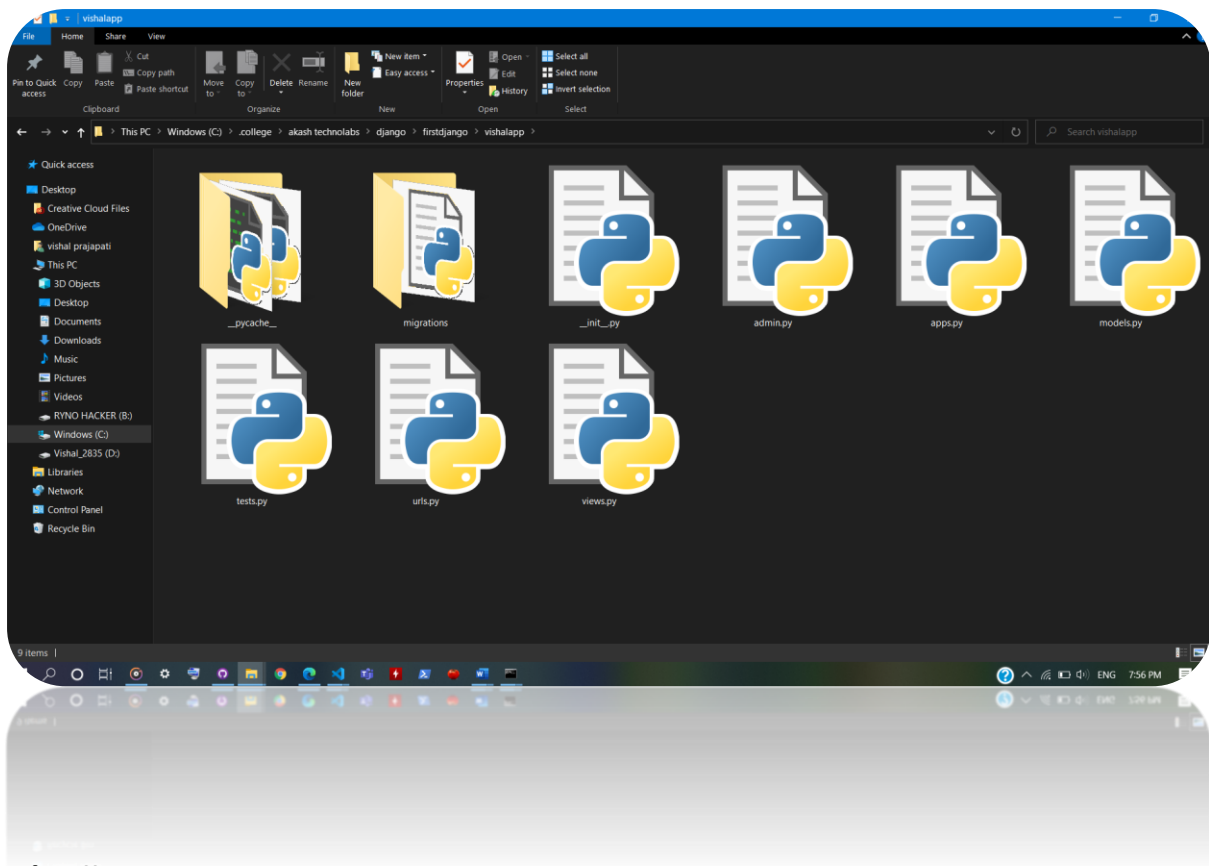
Sem -7th

Task for Day 7:
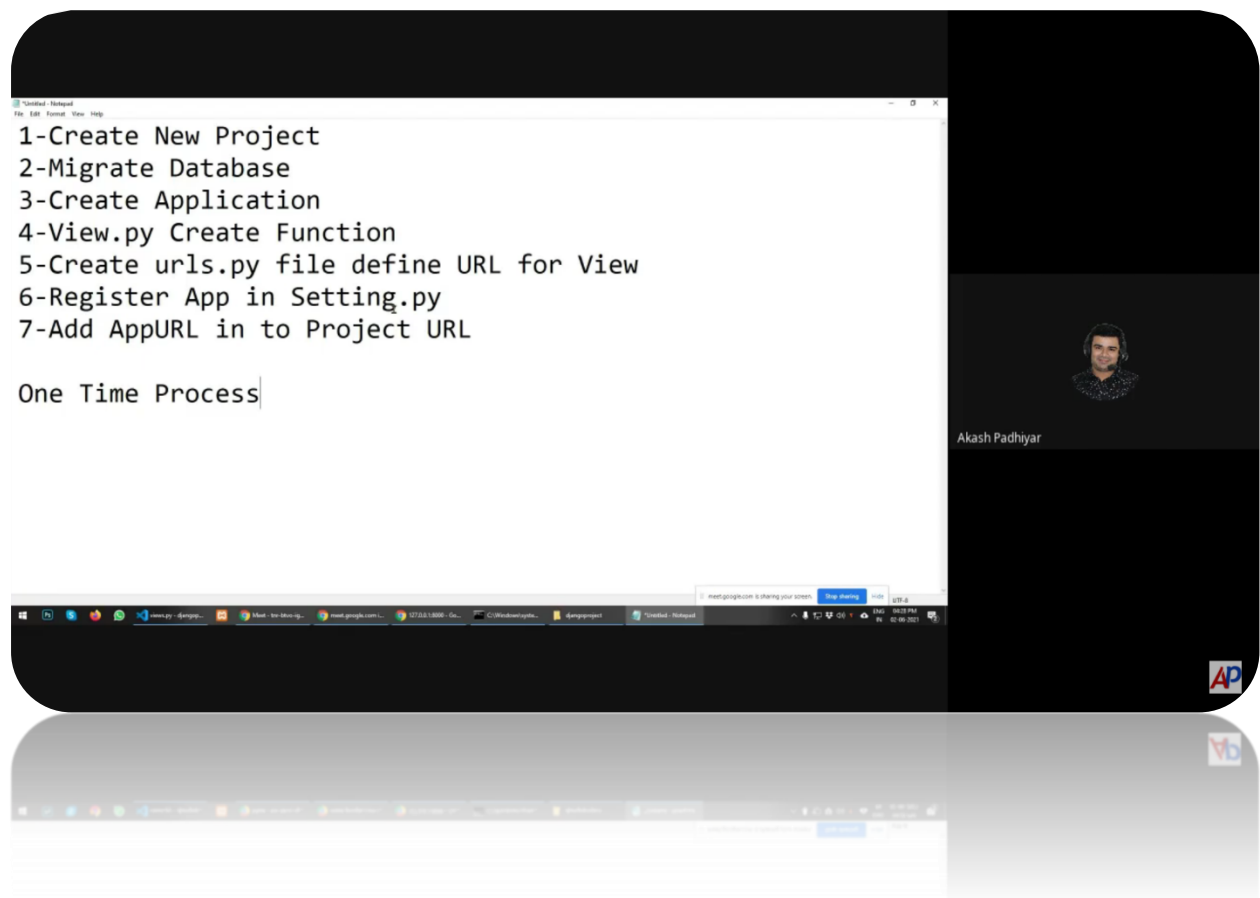
Creating an app basic work on Django Project:

1. **Create app**

"python manage.py startapp myapp"

It's all one time process:-


```
1-Create New Project
2-Migrate Database
3-Create Application
4-View.py Create Function
5-Create urls.py file define URL for View
6-Register App in Setting.py
7-Add AppURL in to Project URL

One Time Process
```

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

```python
from django.shortcuts import render

from django.http import HttpResponse


def homepageview(ewquest):

    return HttpResponse("Welcome to Django Project")
```

Code of urls.py

```python
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

```python
from django.contrib import admin

from django.urls import path ,include


urlpatterns = [

    path('admin/', admin.site.urls),

    path('',include('myapp.urls')),]
```
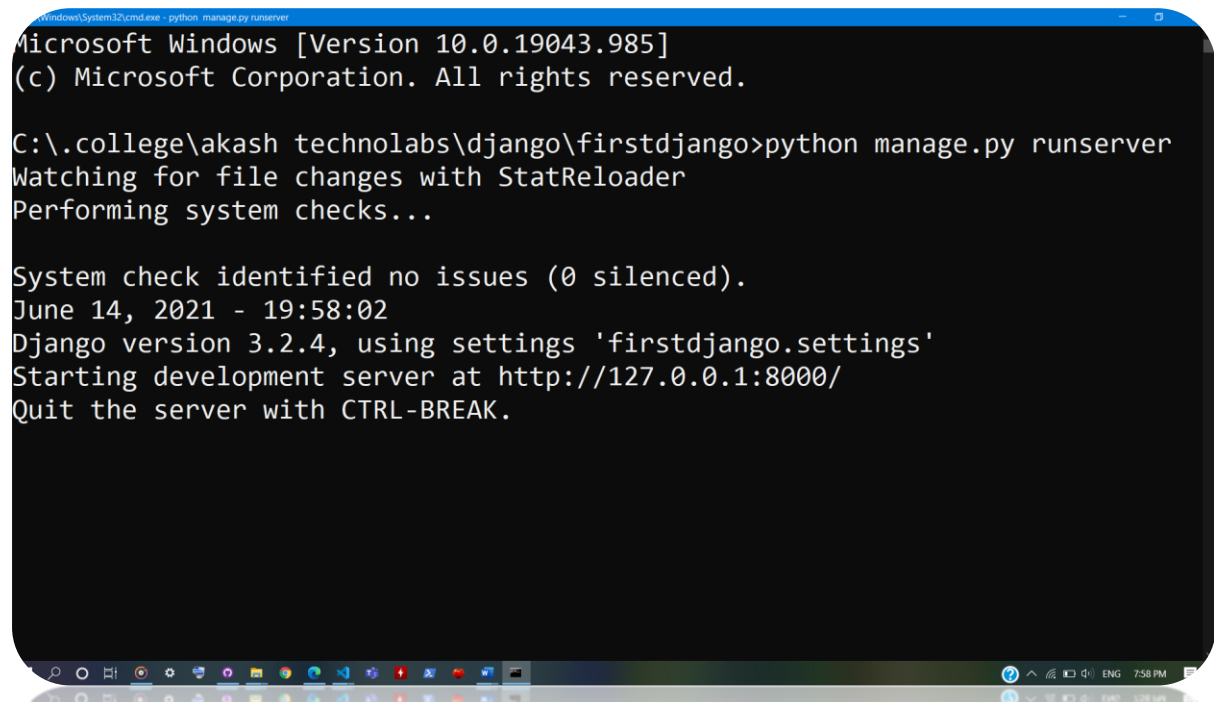
Output:

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 homepage")
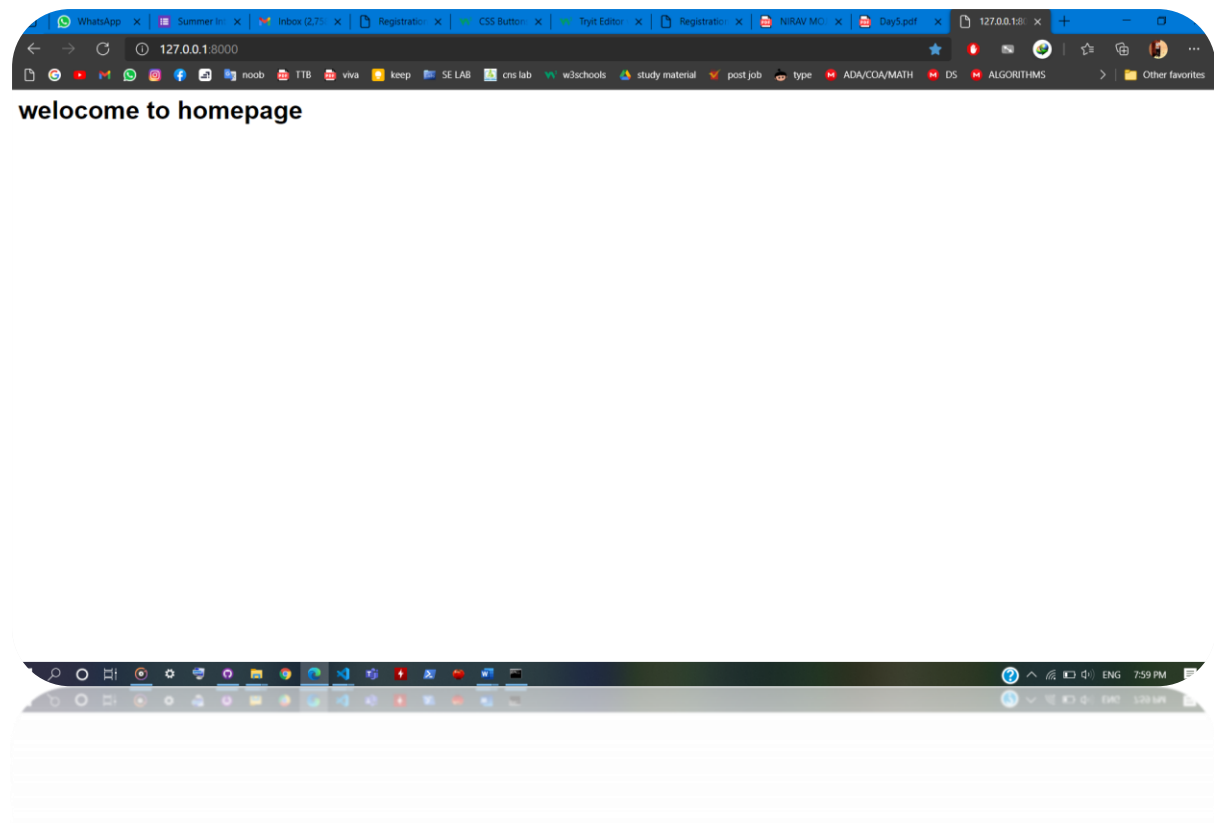

def aboutpageview(*request*):

   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: -

about us page

contact us page

For creating a super user

Use command – python manage.py createsuperuser

Opening an admin panel in Browser: -