To create a new environment – python -m venv env

To activate a new environment - Source env/Scripts/activate

Install Django – pip install Django

To create a project at the current location – (django-admin startproject **foodOnline**\_**main** .) here . indicated the current location

If required to change the terminal of the vs code 🡪 check the dropdown and choose

To open the project in vs code 🡪 code .

From . import views 🡪 here . indicates that we are importing from the same directory

Initially fire git init command in terminal🡪 this will initiliaze empty git repo

Create a gitignore file to the root directory not inside the project

Gitignore helps us not to send certain specified files to github

git add -A 🡪 to add all the changes

git commit -m "first commit"

git branch -M main 🡪 to change the master branch to main

$ git remote add origin <https://github.com/sriramoji123/foodOnline.git>

This command can be seen on creating a new repo in github

$ git push -u origin main

If this command throws any error 🡪 go to credential manager and remove github accounts.

And try

Once by running the above command your code will be present in github

**Project reference link**

<https://github.com/dev-rathankumar/foodOnline>

create a template folder and home.html file

to make it work initially add the folder name in **DIRS of setting.py**

python manage.py 🡪 to make all the changes effective

python manage.py createsuperuser 🡪 to create super user

Username🡪 djangoadmin

Mail 🡪 [srkramoji@gmail.com](mailto:srkramoji@gmail.com) , password 🡪 Ramoji@9949

To open the super user run the project and

<http://127.0.0.1:8000/admin/> 🡪 provide username and password

Use the template for front end 🡪 **C:\Users\Ramoji\Downloads\foodOnline\_template**

Using the index. Html (from the above template) page for home.html(project)

But the template is ready still the css styles and js are not available for use because it is required to

Add a static folder to the project location and pass the req files

Here we are passing all the files in 🡪 **C:\Users\Ramoji\Downloads\foodOnline\_template\foodOnline\_template\assets**

Then it is required to configuration of the static files

Do it in static section of settings.py file

STATIC\_ROOT = BASE\_DIR /'static'

STATICFILES\_DIRS =[

    'foodOnline\_main/static'

]

To use the static files in your project

{ % load static % }

Then the next step is to replace all the asset with “{% static ‘’ %}” 🡪 since they are all in static block

python manage.py collectstatic🡪All the static objects will be created in a directory

It is mandatory to run if we want to use any static files in prod

165 static files copied to 'C:\Users\Ramoji\Desktop\foodOnline\static'

This means another static file will be created with base directory

🡪FoodOnline is the base directory

Create a database name foodOnline\_db in postgres

Then need to make change in settings.py under Databases

1)Add ENGINE,name,user,password, host

Here password is the one set to postgressql

Pip install psycopg2 🡪 must if want to use postgresql

Then we needto migrate because we changed the db

Created another superuser with mail🡪srkramoji@gmail.com and password🡪Ramoji@9949

So now if I run the project

* Could see a user in auth\_user table of postgresql.

The next step is to push the code to github. But we do not want to share our secrets and settings.

* Pip install python-decouple
* In settings.py 🡪 from decouple import config
* Create a new file in the project directory 🡪 .env file

Stores the essential details in this .env file and make sure it is put in .gitignore

.env-sample 🡪 this is to make sure that the user get an idea that these are the values they need to pass if they clone this project

To push the code to github

1. Git status
2. Git add -A
3. Git commit -m “message”