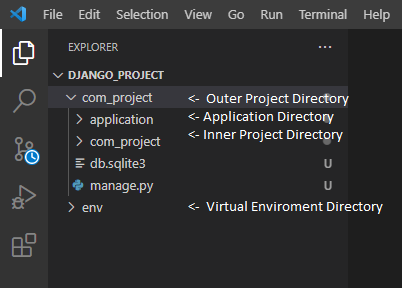
**Deploye Django Project On Heroku**

**1 – Step 1**

Create Django Project In virtual Enviroment

As per diagram Structure



**2 - Step 2**

Processed To Deploye Project

Install Requirements

* **Git Cmd**

Direct Download Link : <https://github.com/git-for-windows/git/releases/download/v2.37.0.windows.1/Git-2.37.0-64-bit.exe>

* Create Account on **heroku.com**

Heroku Link : [https://id.heroku.com/](https://id.heroku.com/login)

**Login** Into Your Heroku Account

* **Download and Install Heroku cli**

Direct Download Link : <https://cli-assets.heroku.com/heroku-x64.exe>

And Install

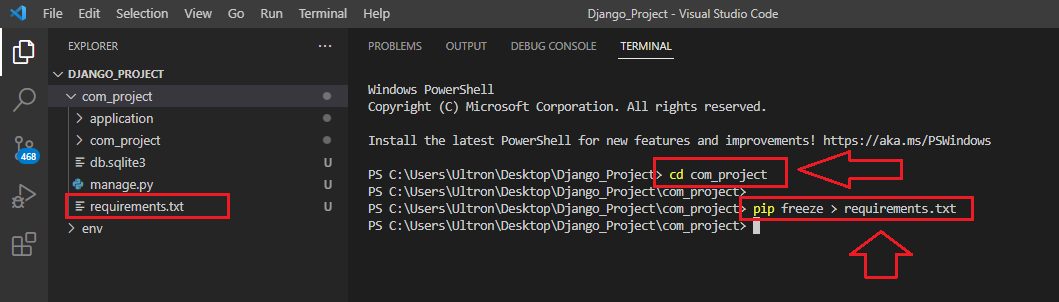
**3 – Step 3**

Create Project Requirements.txt File

1. Open Vs code Terminal (make sure Your Current Working Directory Inside Outer project folder )

>>> cd com\_project

>>> **pip freeze > requirements.txt**



Type This Commend in Terminal it will create app Your Project required library into text file.

Same as Image

**4 – Step 4**

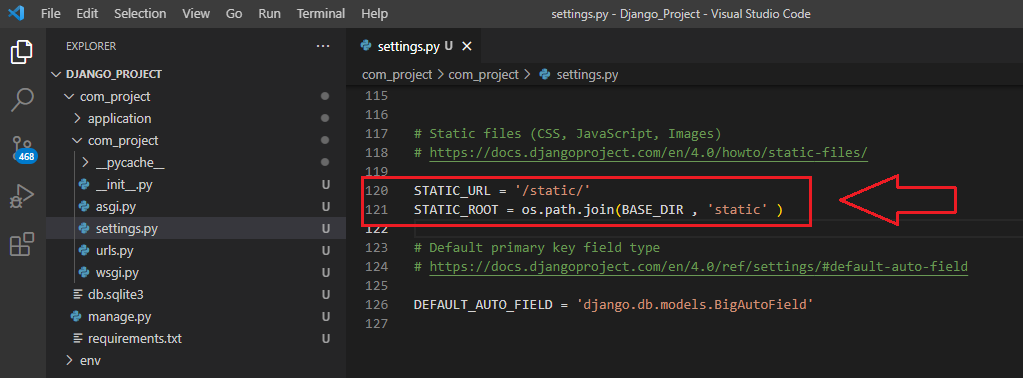
Setup Static File Directory

* Open **Settings.py** and add static path as given

**Code:**

Import os

STATIC\_ROOT = os.path.join(BASE\_DIR , ‘static’ )



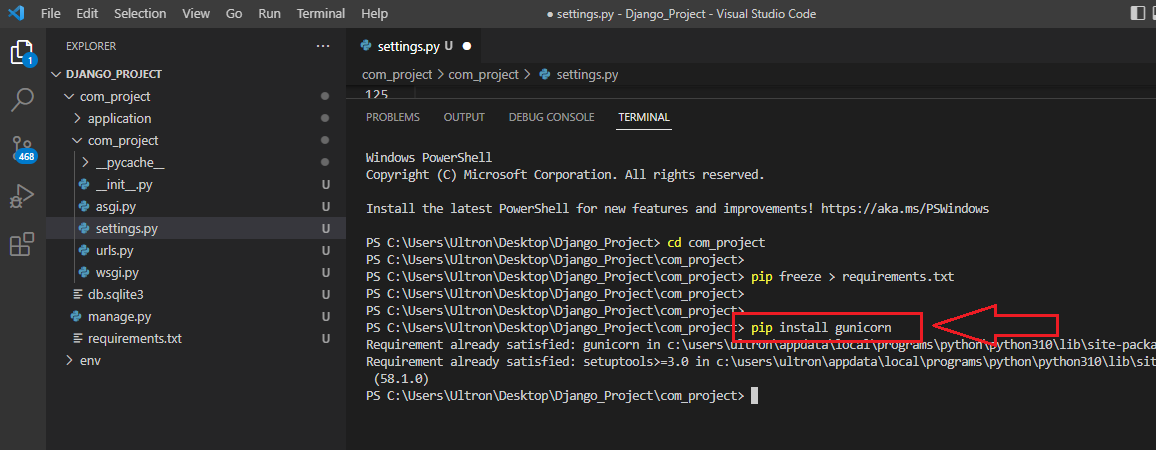
**5 – Step – 5**

Install and Configured Deployement Server into Your Project

For More information Visite this Link : https://devcenter.heroku.com/articles/django-app-configuration

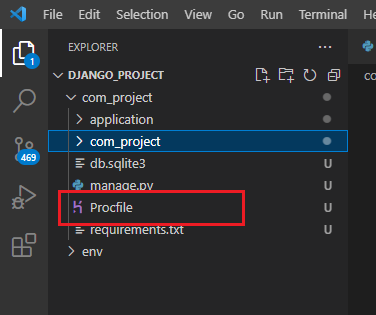
* Goto vs Code Terminal and install Server
* >>> pip install gunicorn

As per Image



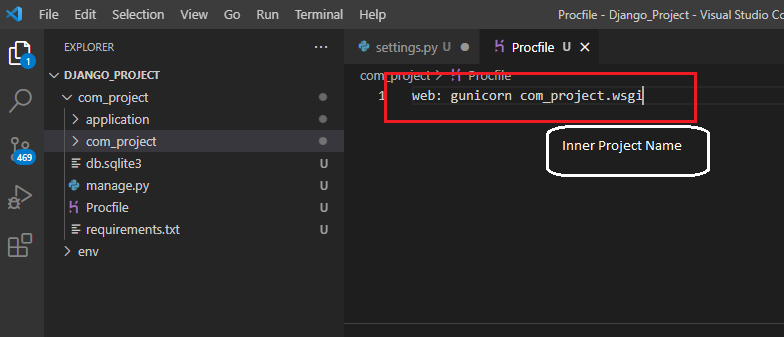
* Setup **gunicorn Server** into Project

Create one file **Named ( Procfile )** inside main projct folder



Vs code automatically detect Heroku file

and **add gunicorn code for deployement server**

****

Add This code into Procfile and save it

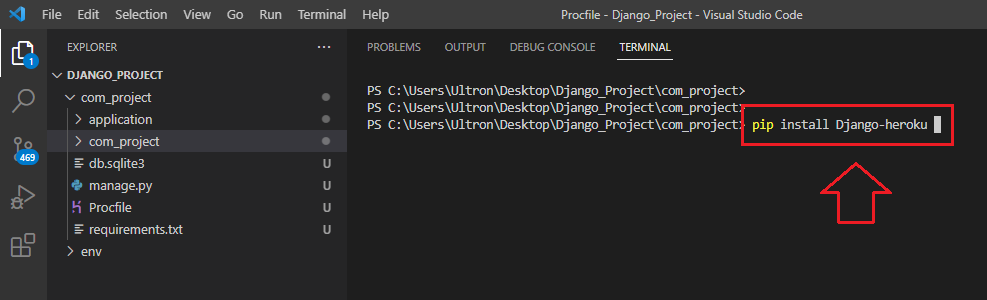
**6 – Step 6**

**Configure heroku into The project**

* Install heroku library before Configure

Open Vscode Terminal and type this command

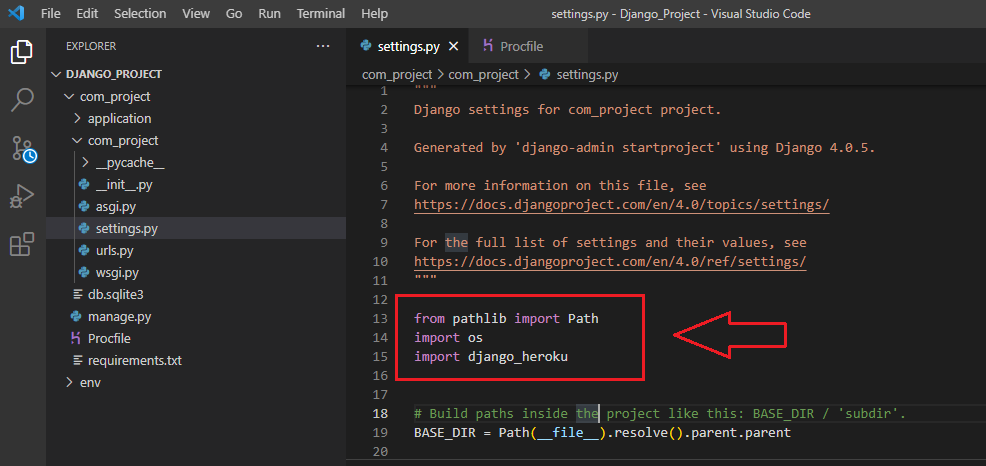
>>> **pip install Django-heroku**



* Configur heroku into your Project

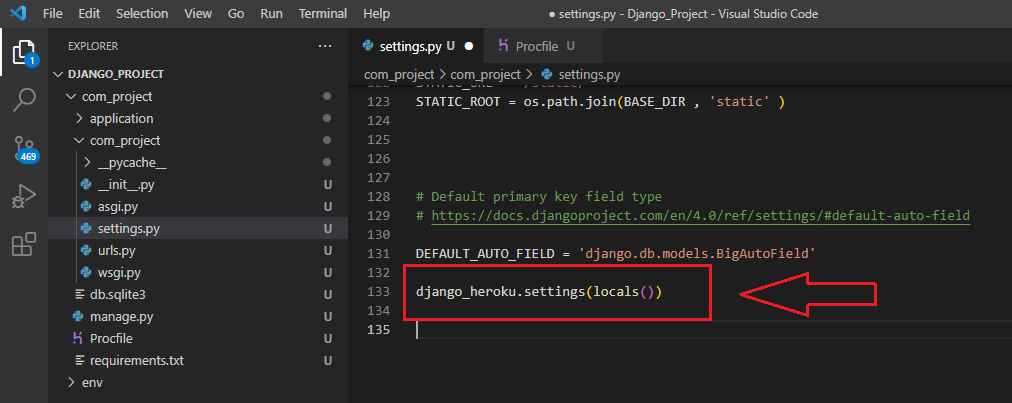
Open **Settings.py**

**import Django\_heroku** library



And Scroll Down Manage.py and Add Heroku Configure Code

django\_heroku.settings(locals())



**7 – Step 7**

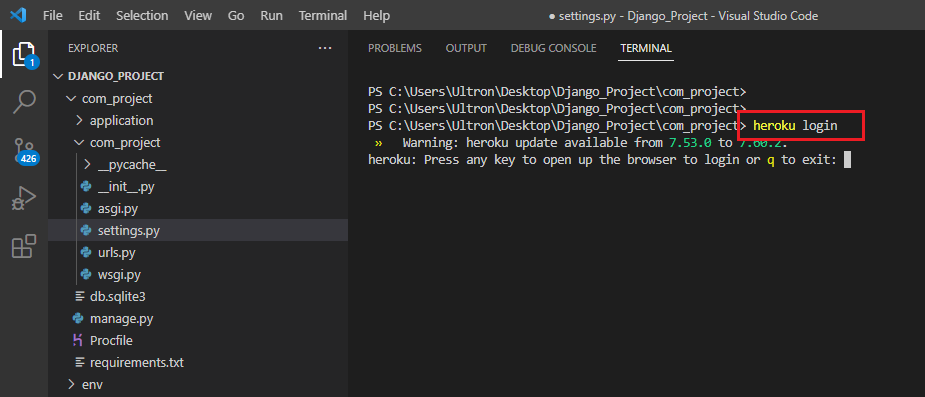
**Create heroku App and Configure**

* Login heroku Using Cli

Open Vs Code Terminal and type This Command

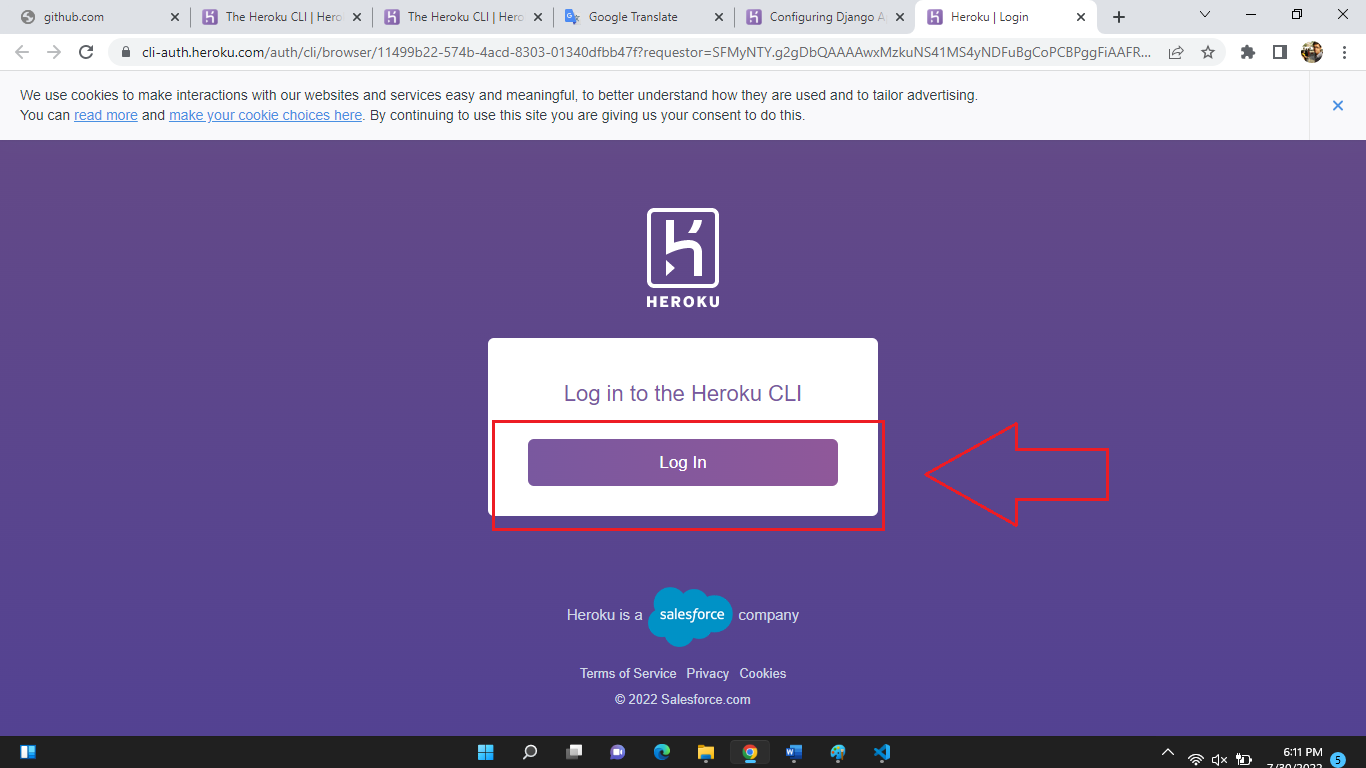
>>> **heroku login**

And press any key it will redirect into a heroku login page



Press Any key It will redirect into a heroku login page

Login



**8 – Step 8**

**Create heroku project**

* Create heroku project using terminal
* Open Vscode terminal

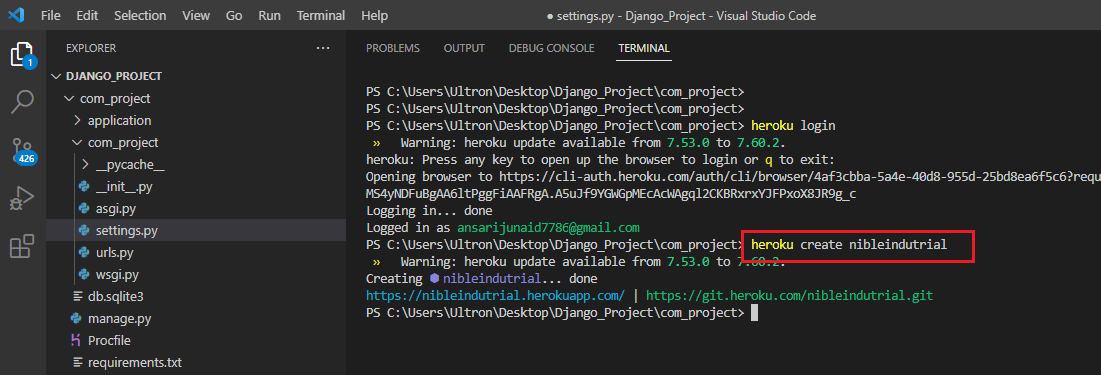
Appname Should be unique

**>>> heroku create AppName**

Eg

**>>> heroku create nibleindutrial**

This Command will create the project in heroku repository



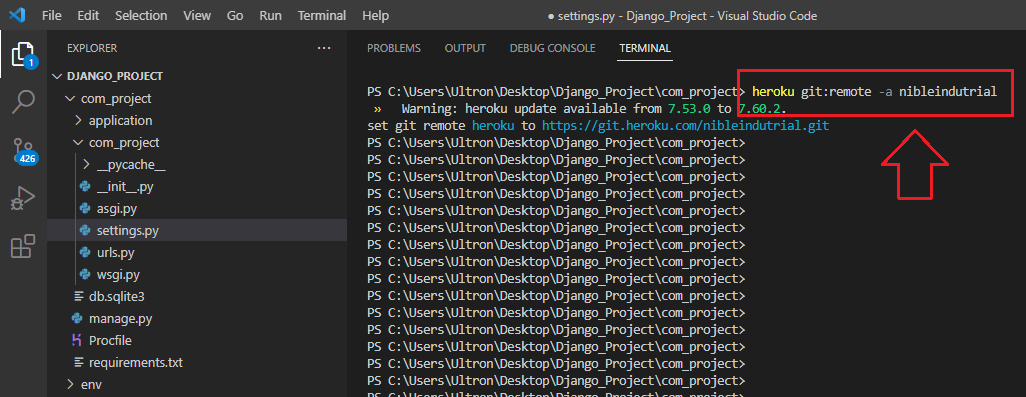
* Enable Remote access using Command

**>>> heroku git:remote -a AppName**

**Eg**

**>>>** **heroku git:remote -a nibleindutrial**

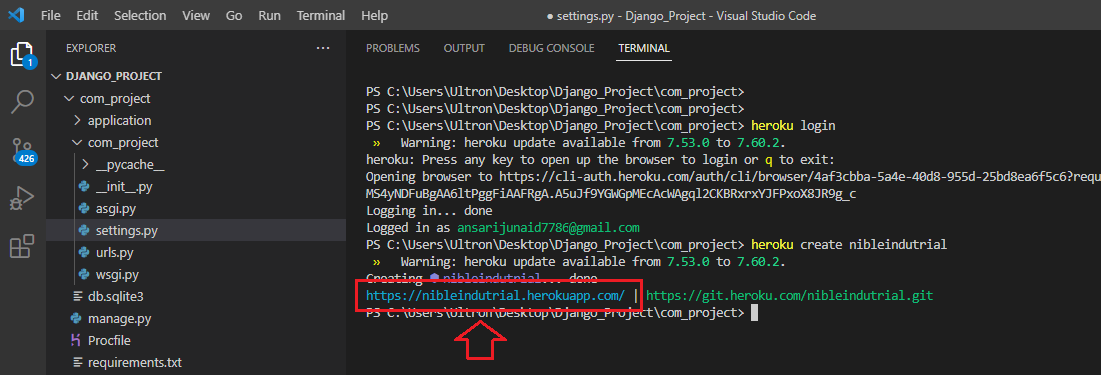
This Commnad Will enable remote repository



**9 – Step 9**

**Configure Domain Project**

* **Copy Domain Name**

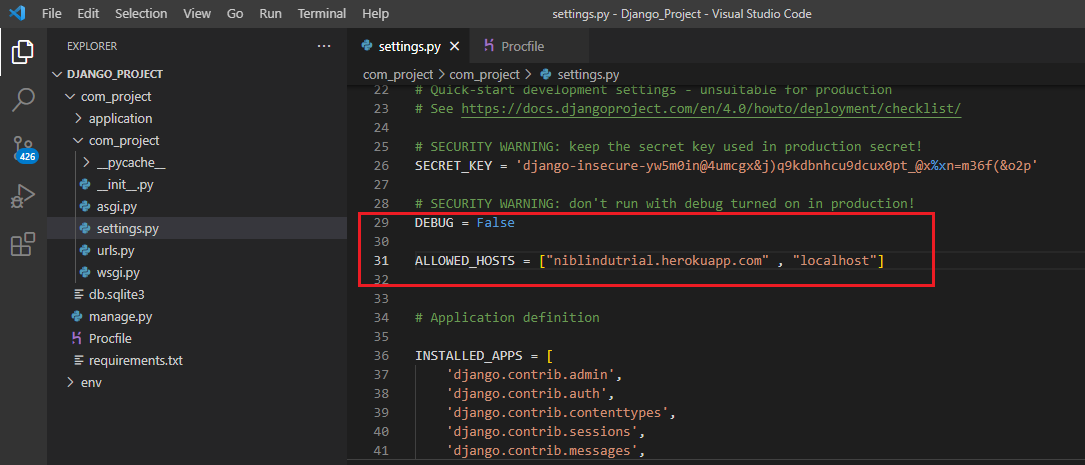
****

**Copy Domain Name**

And goto **Settings.py**

Add domain name into **ALLOWED\_HOST** list

And set **Debug = False**

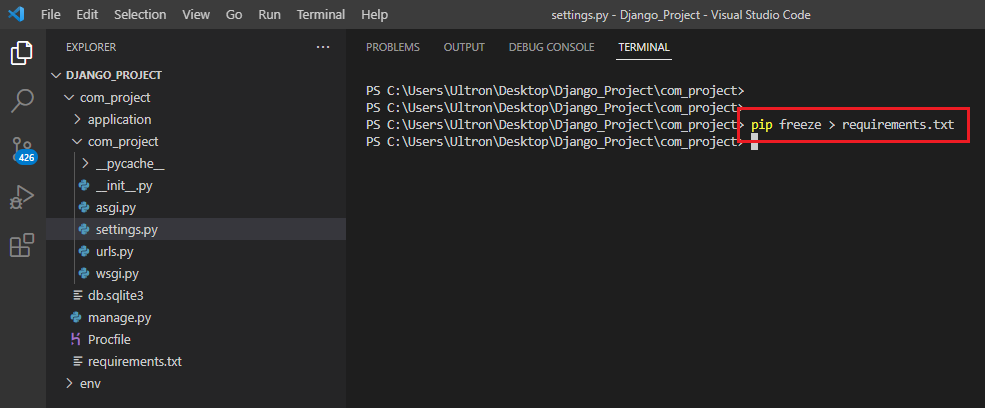


**10 – Step – 10**

Create Project Requirements.txt File

1. Open Vs code Terminal (make sure Your Current Working Directory Inside Outer project folder )

>>> **pip freeze > requirements.txt**



Type This Commend in Terminal it will create app Your Project required library into text file.

Same as Image

**11 – Step 11**

Add Your Project into a local Reposetory using Git

* Open Vs Code Terminal and type these Commends to add Project into a local repository

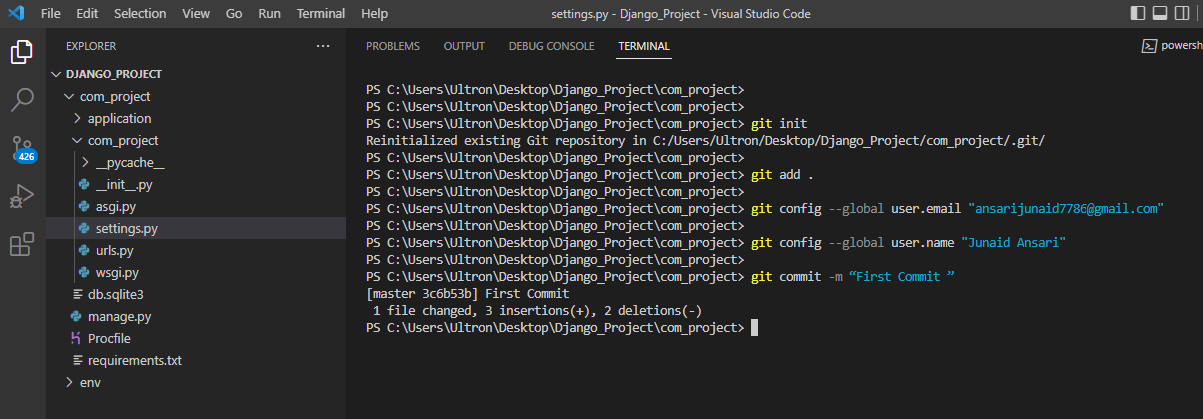
>>> git init

>>> git add .

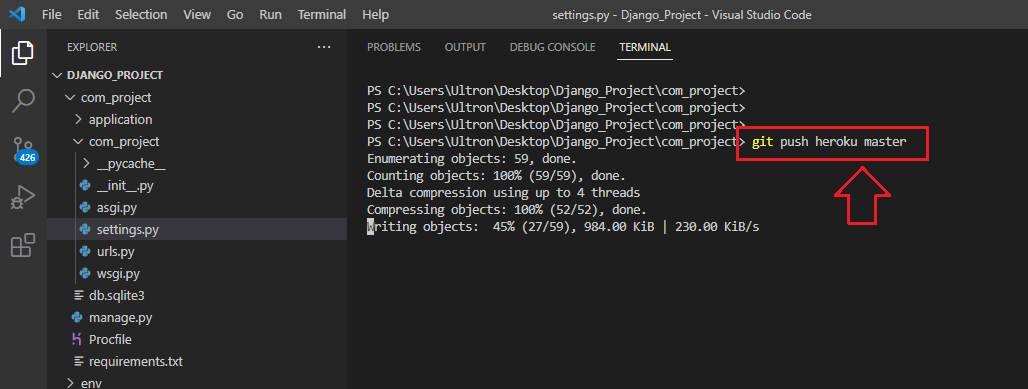
>>> git config --global user.email [ansarijunaid7786@gmail.com](mailto:ansarijunaid7786@gmail.com)

>>> git config --global user.name "Junaid Ansari"

>>> git commit -m “First Commit ”



>>> git push heroku master



**12 – Step 12**

**Setup Database and SuperUser for heroku Django Project**

* **Setup Database**

**Open Vscode Terminal and type these Command**

**>>> heroku run python manage.py makemigrations**

**>>> heroku run python manage.py migrate**

**>>>heroku run python manage.py createsuperuser**

**========================================================**

**# >>>Id : admin123**

**>>> Password : admin123**