HOW TO ADD HOME PAGE ON YOUR WEBSITE USING VSCODE

SO, if you have already created your first webpage using **POWERSHELL** and **VSCODE**, now you are probably thinking how to design the webpage or how to add more pages. Okay, we have all of your answers and we will teach you how to design your webpages and how to add as many pages you want. But first, we'll learn how to add pages on your newly built website using VSCODE or Virtual Studio Code.

[Note: If you don't know about VSCODE or what I am talking about, then checkout our first blog on this topic: THE DRIVE LINK OF PAST WORD FILE]
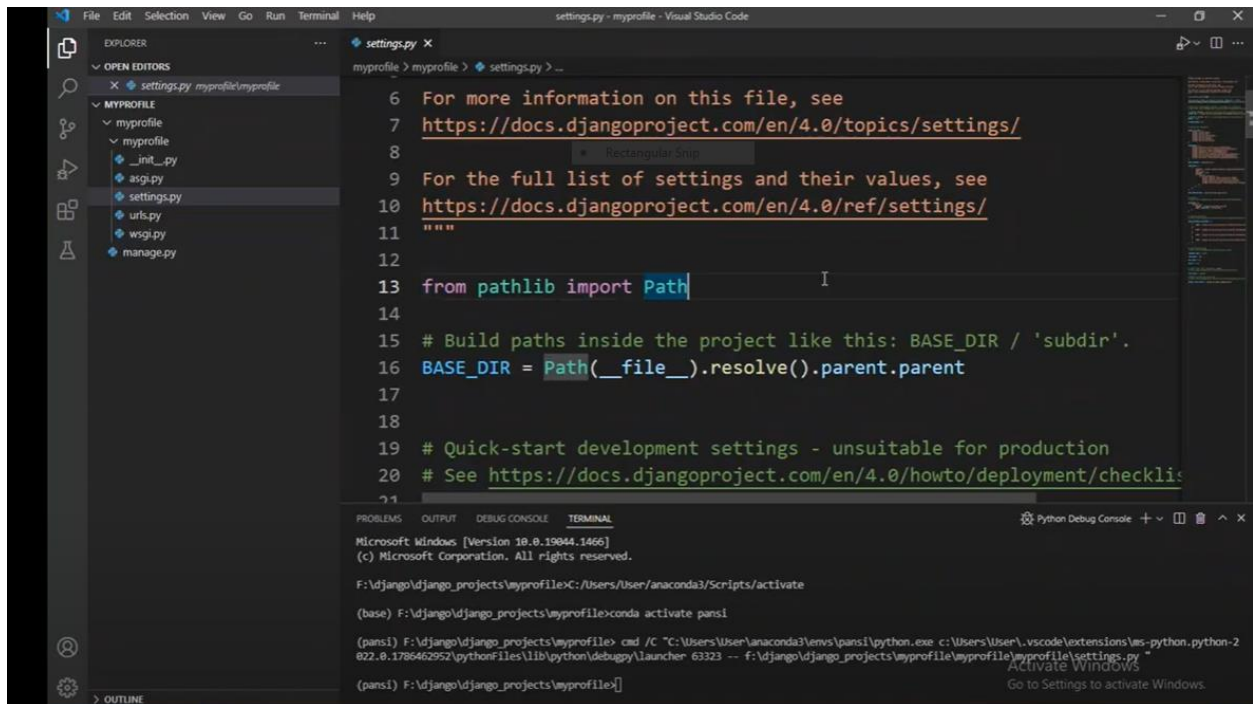
WAIT!

FIRST, open your previous webpage:

Before getting into designing part and adding pages part, firstly we have to open our previous webpage. To do this:

1. Go to VSCODE
2. Connect your environment by typing CTRL+SHIFT+P and then type "SELECT INTERPRETER" and connect your environment.

Then you'll see on the left corner of your screen where settings.py, urls.py and many other files are open:

Here, "myprofile" is the project name!

Okay, now let's follow some steps to add pages on your website:
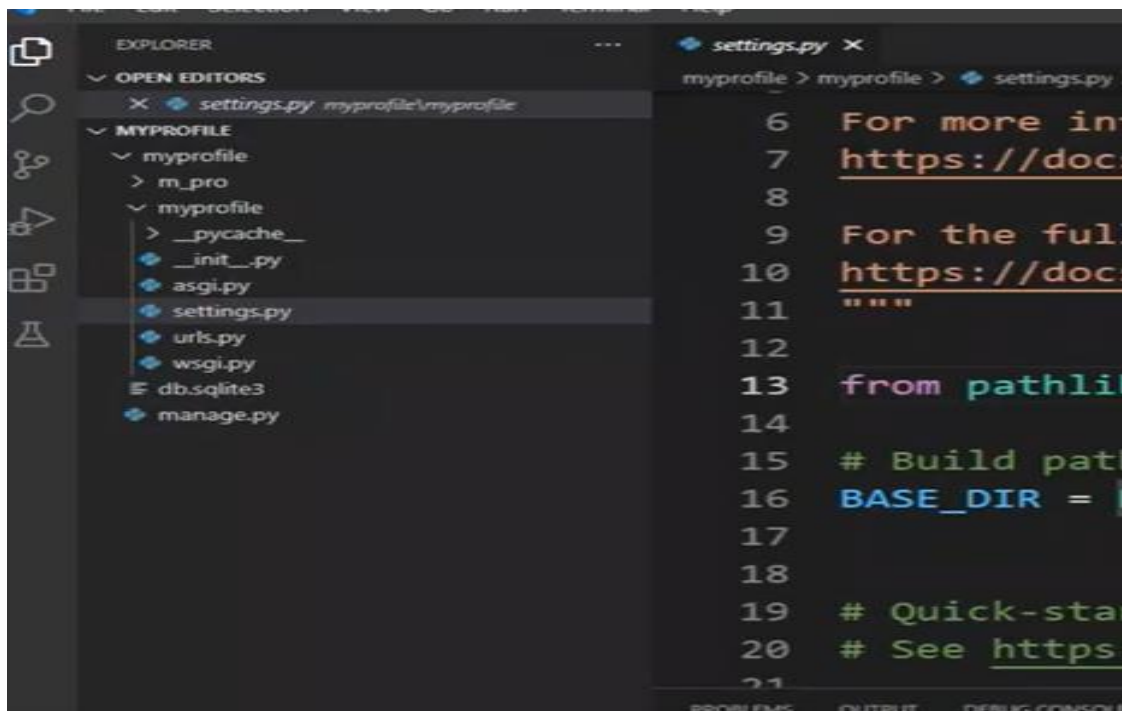
1st step: Create a app on VSCODE (on your environment)

[BASIC: Imagine you are creating a project on university management named "UNIVERSITY". Now you have to add some modules on your webpage called "Student" and "Teachers". So, these modules are called as **APP** on DJANGO]

To create an app:

After opening your previous webpage, write a command on the "COMMAND PROMPT" on the terminal of VSCODE: python manage.py startapp "app_name" (AFTER, PRESS ENTER) (don't use the double quotation, here you just have to write your app name and it could be any name)
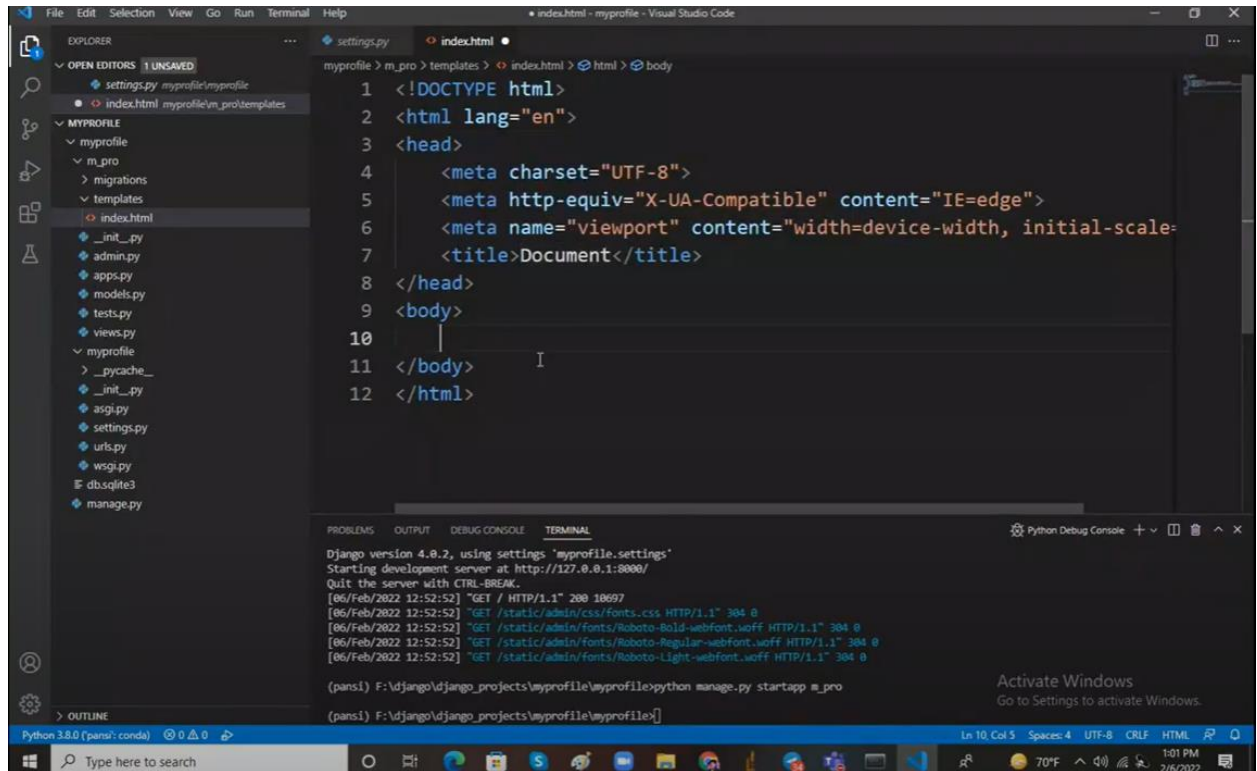
And then, you will see a folder named your app name like this:

Here, m_pro is the app name.

Create your **"Homepage"**

- Now, create a folder under your app called "Templates" or whatever you want. And then create a file called index.html(a html file, and here also you can use any name).
- And then, on the html file, type semicolon (!) and press enter. You will see the basic structure of html like this:

- And then, on the body, type <h1>Welcome to my homepage</h1>
- Now to see your homepage in real life, go to the **views.py** under your app and type a function:
  def index(request):
       return render(request,'index.html')
   [BASIC: Here basically, we are creating the function to see the actual homepage in real life.
  First, we are requesting the function and in return, we can actually get to see the homepage]
- To call the views.py file:
  Create a **file called urls.py on the app** (create urls.py on every project of yours)
  And then on the urls.py, type:
  from django.urls import path
  from .import views
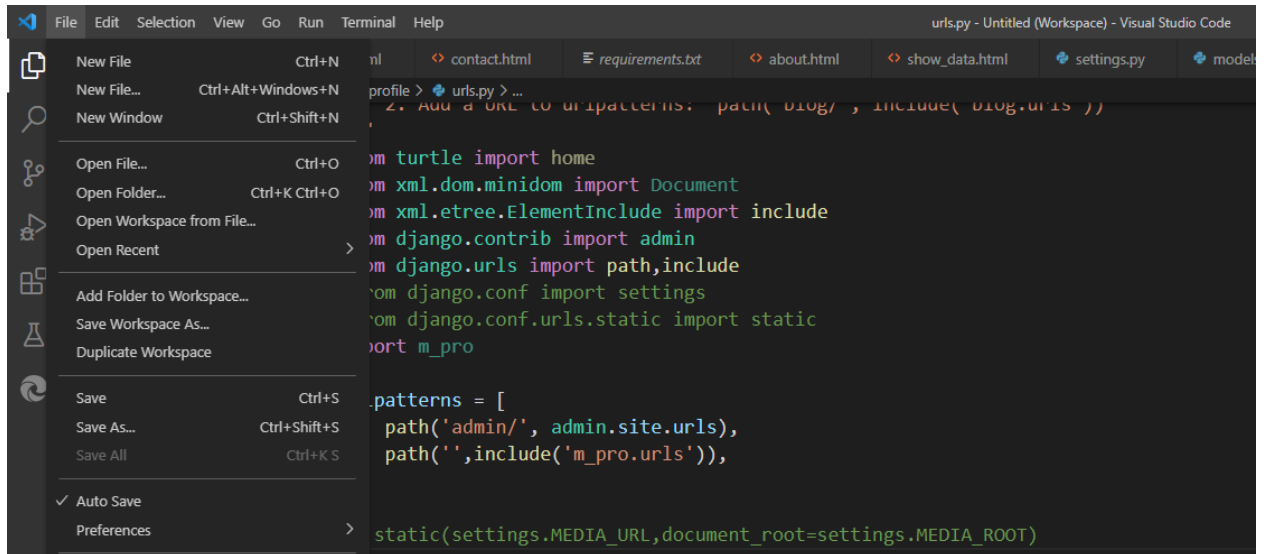 urlpattern=[
     path('',views.index,name='home')
  Here we created a path to call the views.py file
- Now, to call the urls.py file,
  Go to the urls.py on the project and type:
  from django.contrib import admin
  from django.urls import path, include

```
urlpatterns=[
        path('',include('m_pro.urls'))
]
```
<mark>[REMAINDER: Always save what you command and type by typing CTRL+SAVE]</mark>
<mark>Also, if you want to save automatically, go to file and select the "autosave":</mark>

- Now, go to the settings.py folder on your projects and on the folder, you will see a **list** called **"TEMPLATES"** and on that list, type:
  'DIRS': ['templates']
- Then, again on the settings.py, you will see a list called **"INSTALLED APPS"** and on the list, press an enter and type:
  'm_pro', (your app name)

3rd step: **Go to terminal and see your homepage**

Now, after saving all of your commands, type python manage.py runserver and then on the browser, you will see your homepage!

Credit:

Idea: "Ibrahim Patwary Khokan"

Writing: "Tanvir Mahtab Tapu"