Whole process
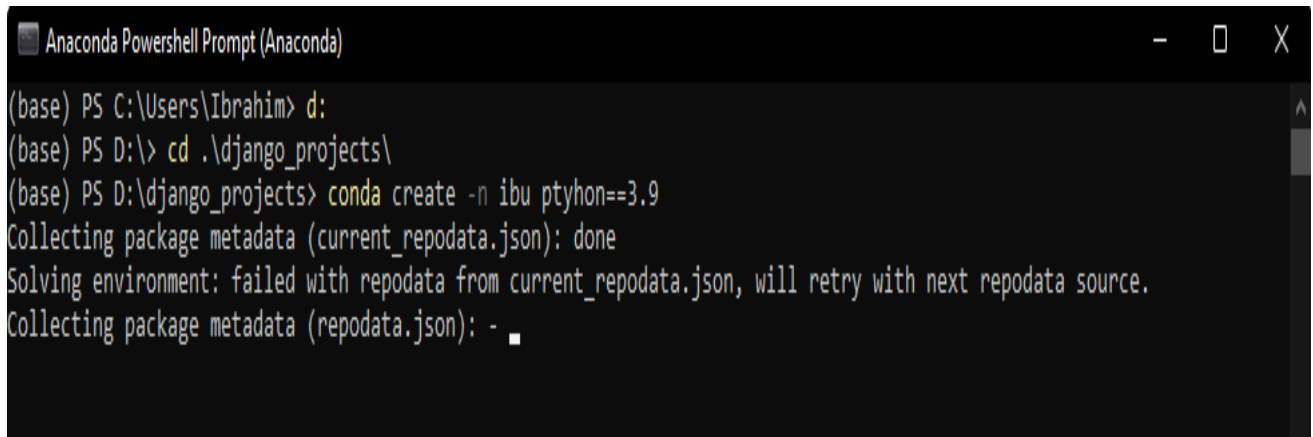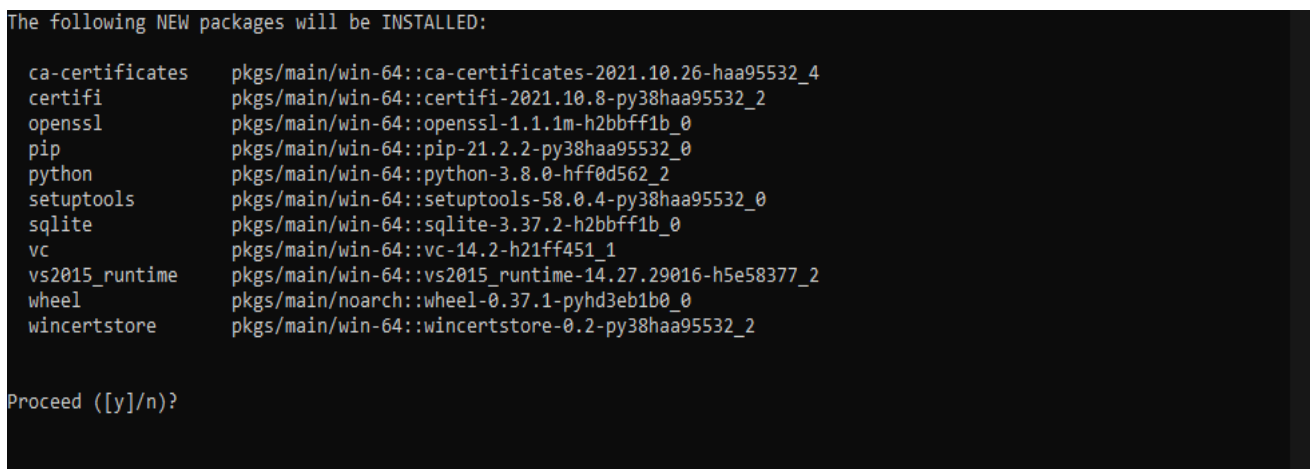
How to create an environment?

⇨ 1ˢᵗ, Open Anaconda PowerShell
⇨ 2ⁿᵈ, Select your drive
⇨ 3ʳᵈ, conda create −n (environment name) python==(python version)

```
Anaconda Powershell Prompt (Anaconda)                                    -   □   X

(base) PS C:\Users\Ibrahim> d:
(base) PS D:\> cd .\django_projects\
(base) PS D:\django_projects> conda create -n ibu ptyhon==3.9
Collecting package metadata (current_repodata.json): done
Solving environment: failed with repodata from current_repodata.json, will retry with next repodata source.
Collecting package metadata (repodata.json): - ▪
```

⇨ 4ᵗʰ,Process(IF you want to create an environment then you simply type (yes or y) :
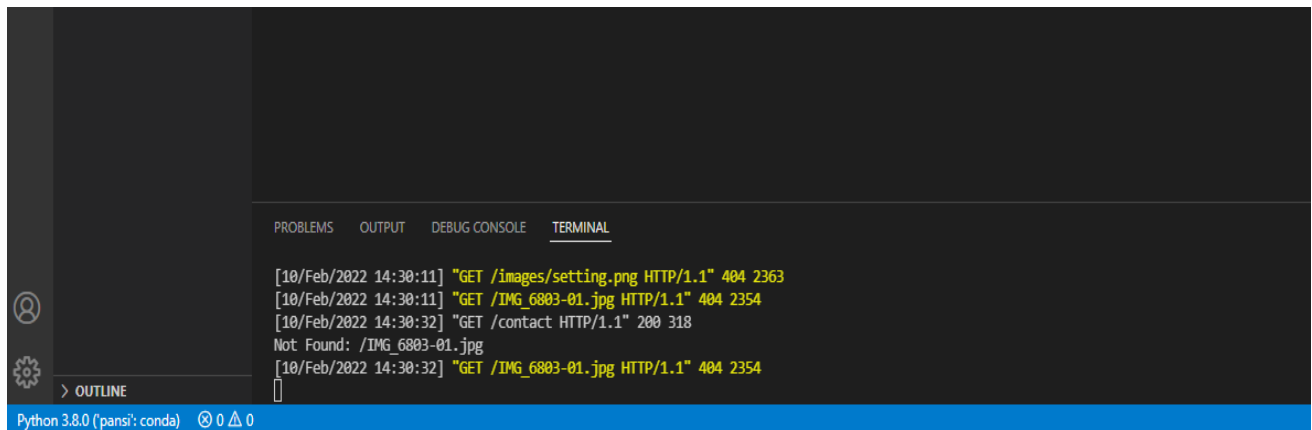
```
The following NEW packages will be INSTALLED:

  ca-certificates    pkgs/main/win-64::ca-certificates-2021.10.26-haa95532_4
  certifi            pkgs/main/win-64::certifi-2021.10.8-py38haa95532_2
  openssl            pkgs/main/win-64::openssl-1.1.1m-h2bbff1b_0
  pip                pkgs/main/win-64::pip-21.2.2-py38haa95532_0
  python             pkgs/main/win-64::python-3.8.0-hff0d562_2
  setuptools         pkgs/main/win-64::setuptools-58.0.4-py38haa95532_0
  sqlite             pkgs/main/win-64::sqlite-3.37.2-h2bbff1b_0
  vc                 pkgs/main/win-64::vc-14.2-h21ff451_1
  vs2015_runtime     pkgs/main/win-64::vs2015_runtime-14.27.29016-h5e58377_2
  wheel              pkgs/main/noarch::wheel-0.37.1-pyhd3eb1b0_0
  wincertstore       pkgs/main/win-64::wincertstore-0.2-py38haa95532_2


Proceed ([y]/n)?
```
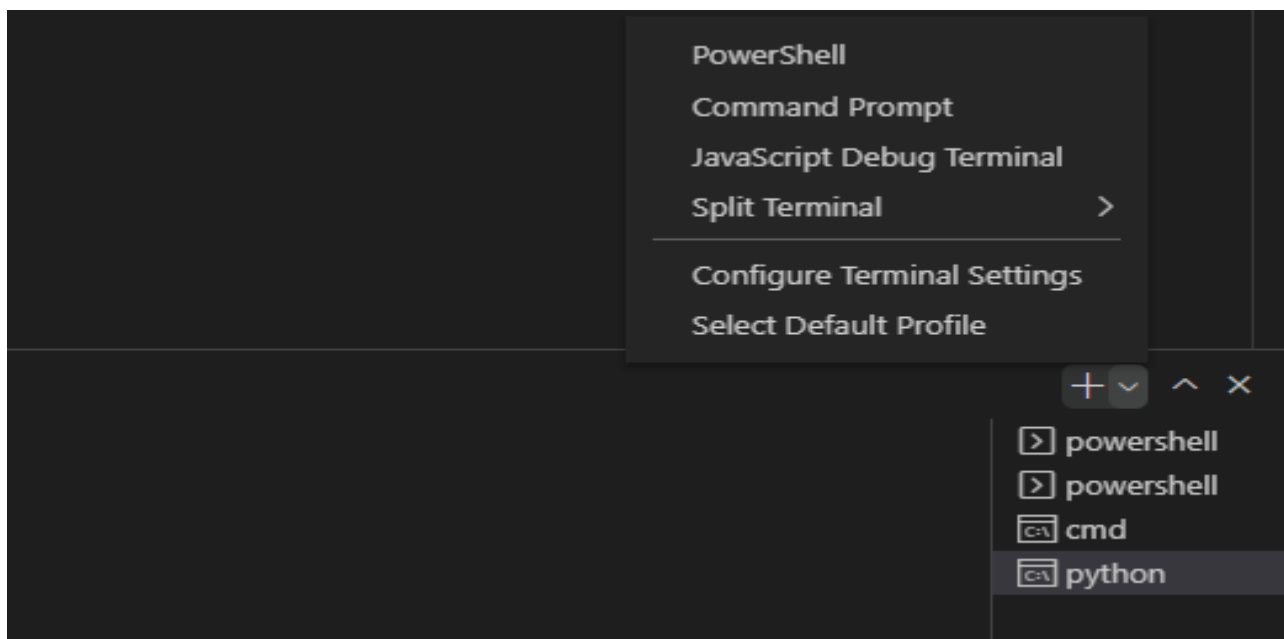
⇨ 5ᵗʰ, If you have already created an environment then : Open -->> visual studio apps..

⇨ 6th, Select your environment in visual studio. In left top down site of this apps ,you can see your new environment.

⇨ 7th, Active your environment and go to terminal .Then you to need to open command prompt.

➔ 8ᵗʰ, Choose your drive in your pc, where you want to set up django projects...

Some Terminal command which are using for access this systems:

i) Drive name: **(D :)** for interring D-drive…

ii) Mkdir Folder name **(mkdir django_project)** for create a new folder…

iii) Cd folder name**(cd django_project)** for inter in django_project folder..

iv) **Pip install django** for installed django …

v) **Django-admin startproject** [project name] **student_management_system** for create a project….

vi) Cd **student_management_system** for interring this project folder..

vii) **Python manage.py runserver** using for initially run our project.

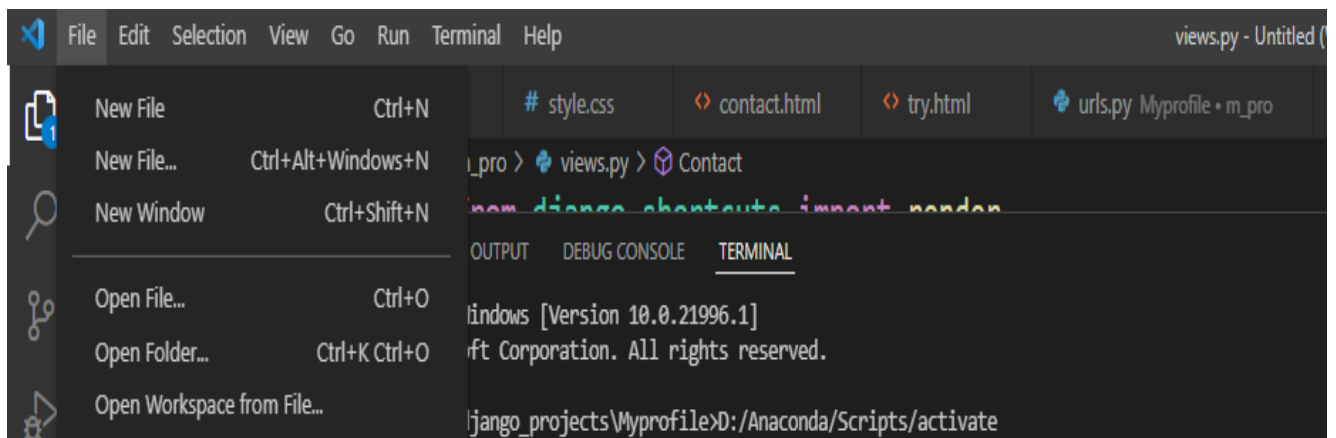viii) **python manage.py startapp [Folder name] My_folder** using for a apps installation of our project.

➔9th, Then you get a additional link of your django project :

```
(pansi) D:\django\django_projects\Myprofile>python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).

You have 18 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, sessions.
Run 'python manage.py migrate' to apply them.
February 10, 2022 - 15:51:36
Django version 4.0.2, using settings 'Myprofile.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
```
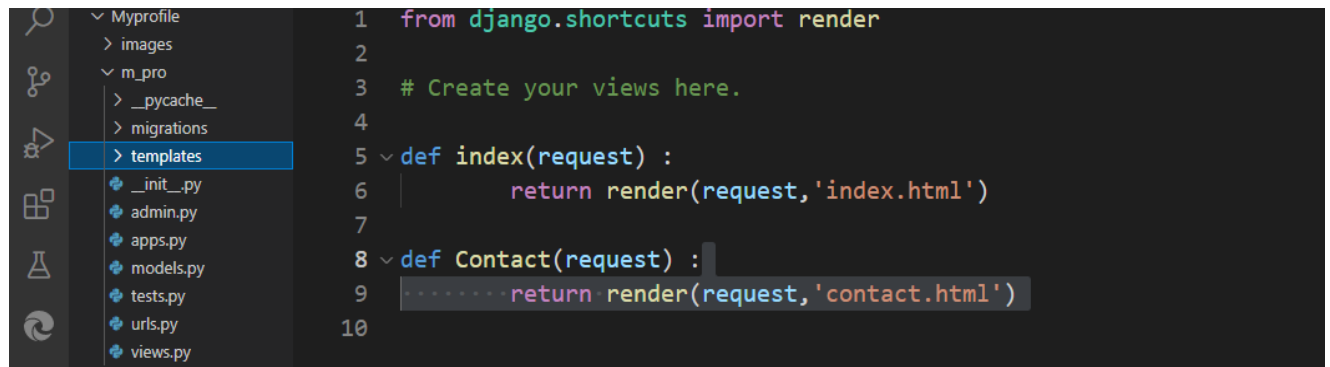
⇨ 10th, Click this link (Ctrl + mouse left button) :
Starting development server at http://127.0.0.1:8000

```
File   Edit   Selection   View   Go   Run   Terminal   Help                              views.py - Untitled (

  New File                      Ctrl+N          # style.css      <> contact.html      <> try.html      urls.py  Myprofile • m_pro

  New File...          Ctrl+Alt+Windows+N    _pro >  views.py >  Contact

  New Window                Ctrl+Shift+N     nom diango chanteuts import nandan

                                             OUTPUT    DEBUG CONSOLE    TERMINAL

  Open File...                  Ctrl+O       indows [Version 10.0.21996.1]

  Open Folder...        Ctrl+K Ctrl+O        ft Corporation. All rights reserved.

  Open Workspace from File...                jango_projects\Myprofile>D:/Anaconda/Scripts/activate
```

⇨ 11th, Add your new created projects files in visual studio..
Use Open workspace from file option…..

⇨ 12th, After add this file, you must be install a apps in your project.
That's why , you can use **python manage.py startapp [Folder name] My_folder** this command at your terminal ..

⇨ 13th, After all this process you have to create a new folder for make your workplace in apps folder:

```
                  Myprofile          1    from django.shortcuts import render
                  > images           2
                  ∨ m_pro            3    # Create your views here.
                    > __pycache__    4
                    > migrations     5  ∨ def index(request) :
                    > templates      6           return render(request,'index.html')
                    • __init__.py    7
                    • admin.py       8  ∨ def Contact(request) :
                    • apps.py        9           return render(request,'contact.html')
                    • models.py     10
                    • tests.py
                    • urls.py
                    • views.py
```

⇨ We can see in our last picture , we create a apps for our project which name is m_pro .Then we create a folder which name is templates as you can see..