FASTAPI:

1. To configure virtual environment:

# """

# Virtal env setting

# python virtual environment creation

# pythom3 -m venv name(venv)

# view--> command pallet --> select interpreter --> Enter path -->..\venv\Scripts\python.exe  [env location]

# change the interpreter

# venv\Scripts\activate.bat (Tyep it in terminal(CMD PROMPT))

# venv\Scripts\Activate.ps1(POWERSHELL PROMPT)

# if it will show you the policy error change the policy temporaru=ily

# Set-ExecutionPolicy -Scope Process -ExecutionPolicy Bypass

# and

# venv\Scripts\Activate.ps1

# It will work

1. To run the code
2. Uvicorn main(filename):app(app = FastAPI())
3. Uvicorn main(filename):app(app = FastAPI()) --reload #to reloadthe server in every refresh afetr changes

Code:

from fastapi import FastAPI

from fastapi.params import Body

from pydantic import BaseModel

from typing import Optional

app = FastAPI()

#1

# @app.get("/") #[setting the path '/' = home ]

# def read\_root():

#     return {"Hello": "World"}

#2---------------------------------------------------------------------------------

# @app.get("/post") #[setting the path '/' = home ]

# def read\_root():

#     return {"Hello": "This is post"}

# @app.post("/createposts")

# def create\_posts():

#     return {"message": "Successfully created post"}

#3----------------------------------------------------------------------------------

"""

Here Body taking the content and storing it into payload

adding this in body(postman) as raw --> json

{

    "title": "My First Post",

    "content": "This is the content of the post."

}

"""

# @app.post("/createpost")

# def create\_posts(payload: dict = Body(...)):

#     print(payload)

#     return {"new\_post": f"title {payload['title']} content: {payload['content']}"}

#4-------------------------------------------------------

class post(BaseModel):

    title : str

    content  :str

    publish: bool = True

    rating: Optional[int] = None

@app.post("/createpost")

def root(new\_post  : post):

    print(new\_post.publish)

    print(new\_post.rating)

    print(new\_post.dict())

    return {"data" : new\_post}

"""

add postmn in body section

{

    "title": "My First Post",

    "content": "This is the content of the post.",

    "publish" : true,

    "rating" : 4

}

"""



