from fastapi import FastAPI

import uvicorn

import sys

import os

from fastapi.templating import Jinja2Templates

from starlette.responses import RedirectResponse

from fastapi.responses import Response

from textSummarizer.pipeline.prediction import PredictionPipeline

text:str = "What is Text Summarization?"

app = FastAPI()

@app.get("/", tags=["authentication"])

async def index():

    return RedirectResponse(url="/docs")

@app.get("/train")

async def training():

    try:

        os.system("python main.py")

        return Response("Training successful !!")

    except Exception as e:

        return Response(f"Error Occurred! {e}")

@app.post("/predict")

async def predict\_route(text):

    try:

        obj = PredictionPipeline()

        text = obj.predict(text)

        return text

    except Exception as e:

        raise e

if \_\_name\_\_=="\_\_main\_\_":

    uvicorn.run(app, host="0.0.0.0", port=8080)