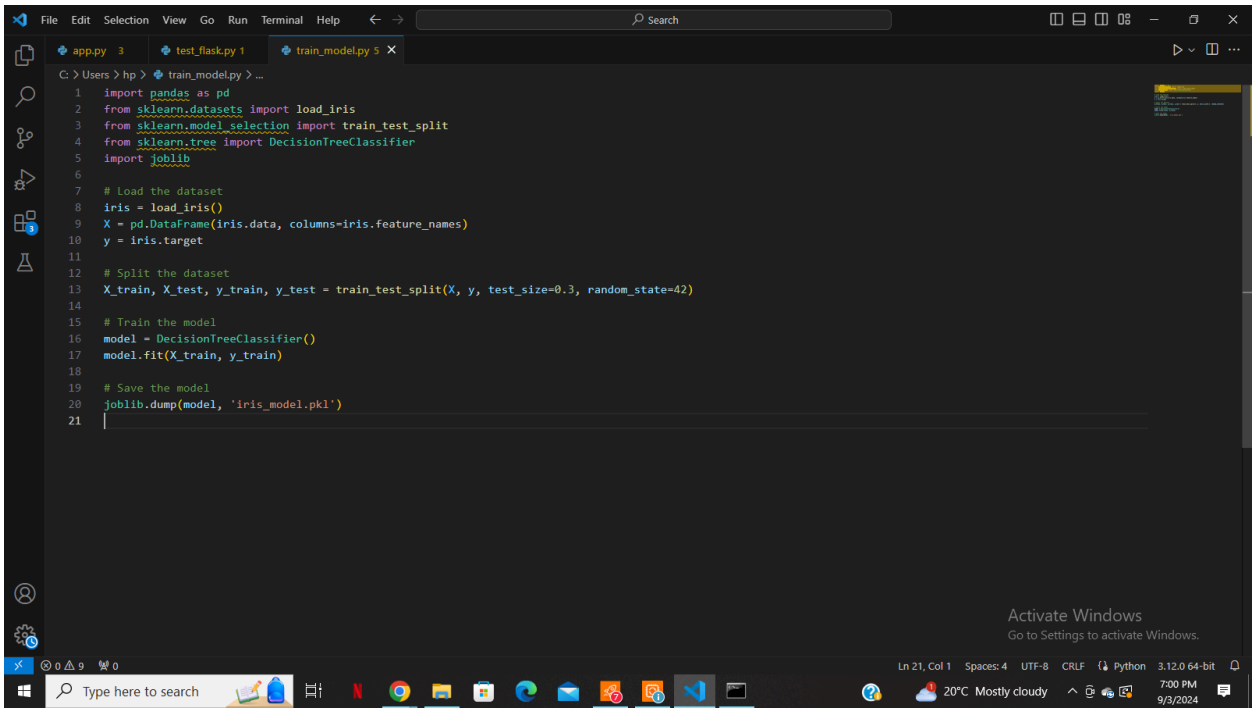
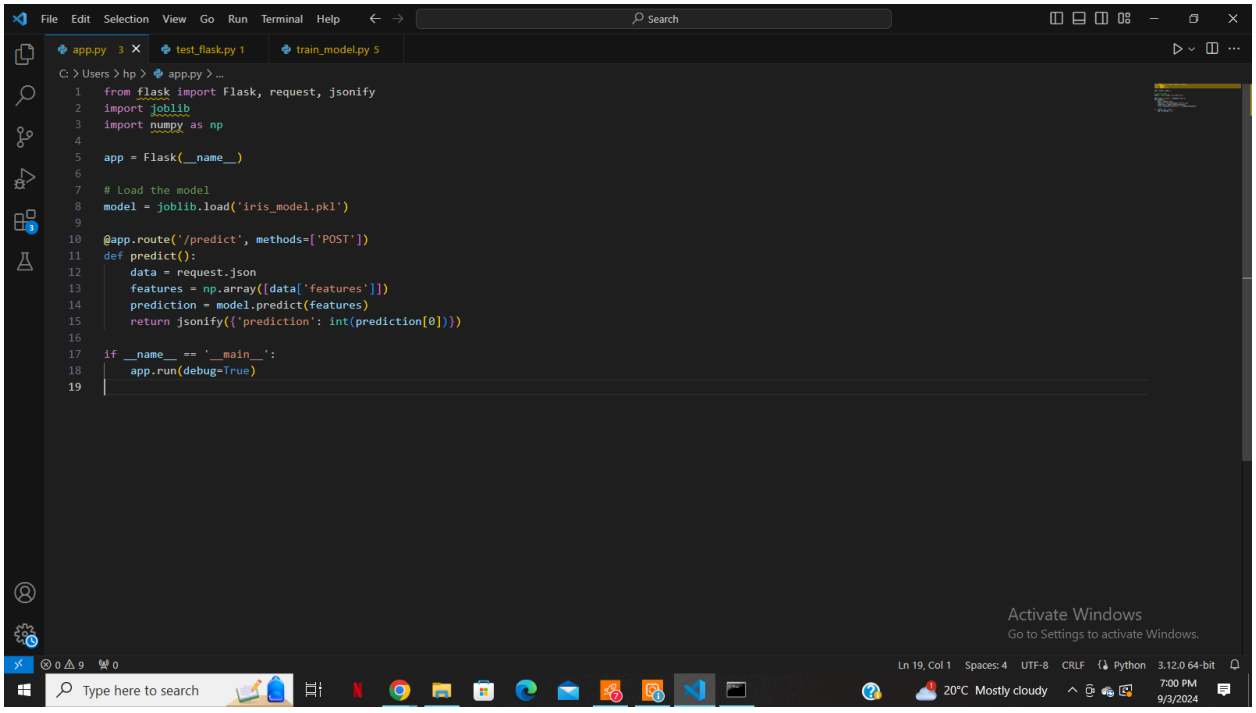
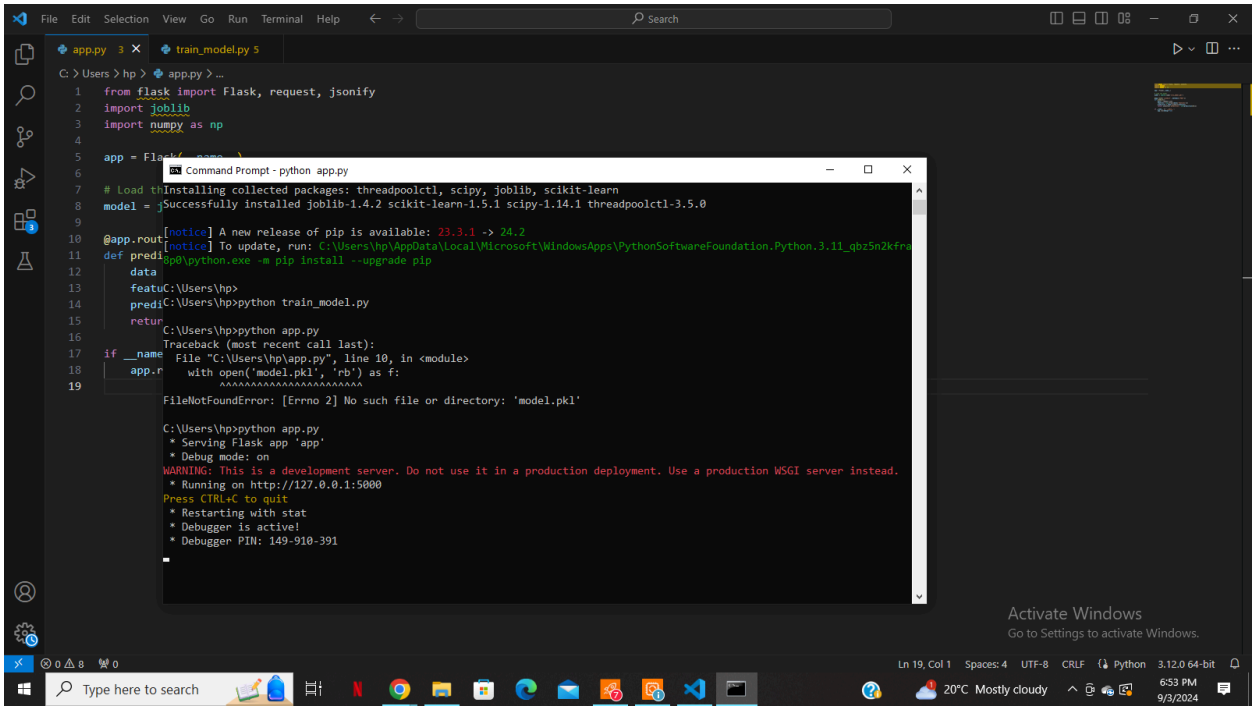
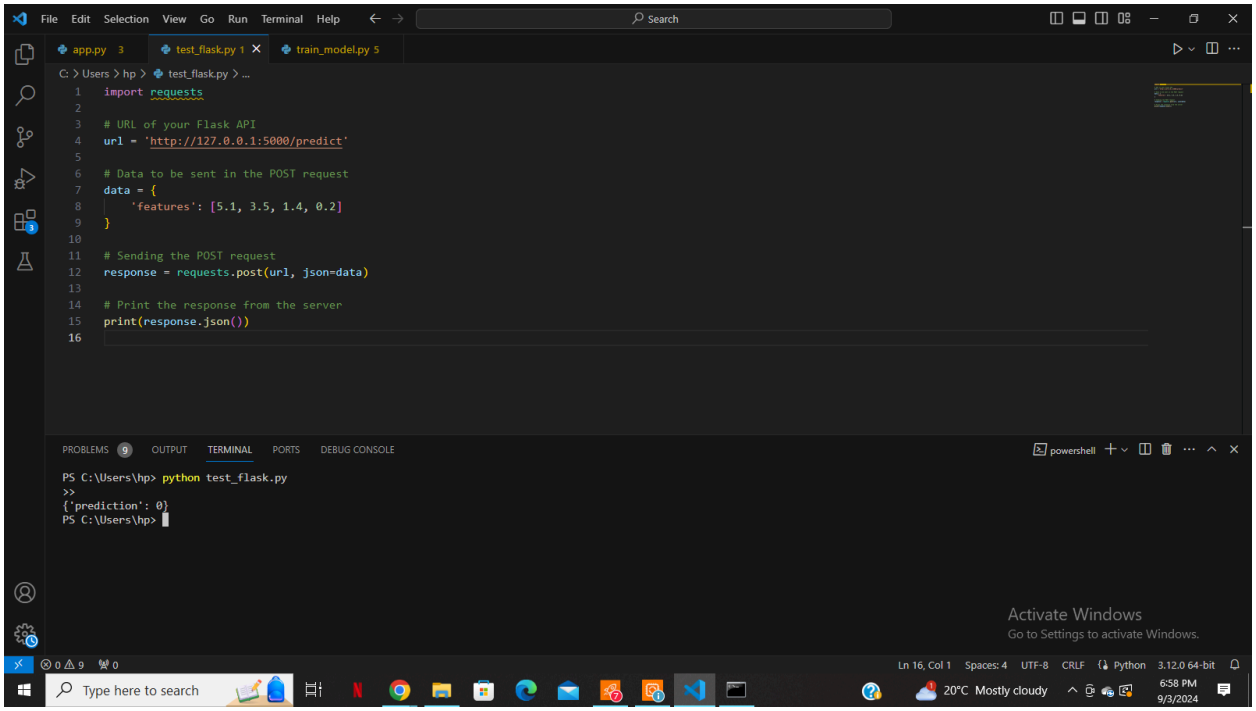
Name: Noella Mutuku
Batch code: LISUM31
Submission date: 9/3/2024
Submitted to: Data Glacier






File Edit Selection View Go Run Terminal Help
Search
app.py 3
train_model.py 5
C: > Users > hp > app.py > ...
from flask import Flask, request, jsonify
import joblib
import numpy as np
app = Flask(__name__)
# Load th
model = j
@app.rout
def predi
data
featu
predi
retur
if __name
app.r
Command Prompt - python app.py
Installing collected packages: threadpoolctl, scipy, joblib, scikit-learn
Successfully installed joblib-1.4.2 scikit-learn-1.5.1 scipy-1.14.1 threadpoolctl-3.5.0
[notice] A new release of pip is available: 23.3.1 -> 24.2
[notice] To update, run: C:\Users\hp\AppData\Local\Microsoft\WindowsApps\PythonSoftwareFoundation.Python.3.11_qbz5n2kfra8p0\python.exe -m pip install --upgrade pip
C:\Users\hp>
C:\Users\hp>python train_model.py
C:\Users\hp>python app.py
Traceback (most recent call last):
File "C:\Users\hp\app.py", line 10, in <module>
with open('model.pkl', 'rb') as f:
^^^^^^^^^^^^^^^^^^^^^^
FileNotFoundError: [Errno 2] No such file or directory: 'model.pkl'
C:\Users\hp>python app.py
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 149-910-391
Activate Windows
Go to Settings to activate Windows.
Ln 19, Col 1 Spaces: 4 UTF-8 CRLF Python 3.12.0 64-bit
Type here to search
20°C Mostly cloudy
6:53 PM
9/3/2024


File Edit Selection View Go Run Terminal Help
Search
app.py 3
test_flask.py 1
train_model.py 5
C: > Users > hp > test_flask.py > ...
import requests
# URL of your Flask API
url = 'http://127.0.0.1:5000/predict'
# Data to be sent in the POST request
data = {
'features': [5.1, 3.5, 1.4, 0.2]
}
# Sending the POST request
response = requests.post(url, json=data)
# Print the response from the server
print(response.json())
PROBLEMS 9 OUTPUT TERMINAL PORTS DEBUG CONSOLE
powershell
PS C:\Users\hp> python test_flask.py
>>
{'prediction': 0}
PS C:\Users\hp>
Activate Windows
Go to Settings to activate Windows.
Ln 16, Col 1 Spaces: 4 UTF-8 CRLF Python 3.12.0 64-bit
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9/3/2024