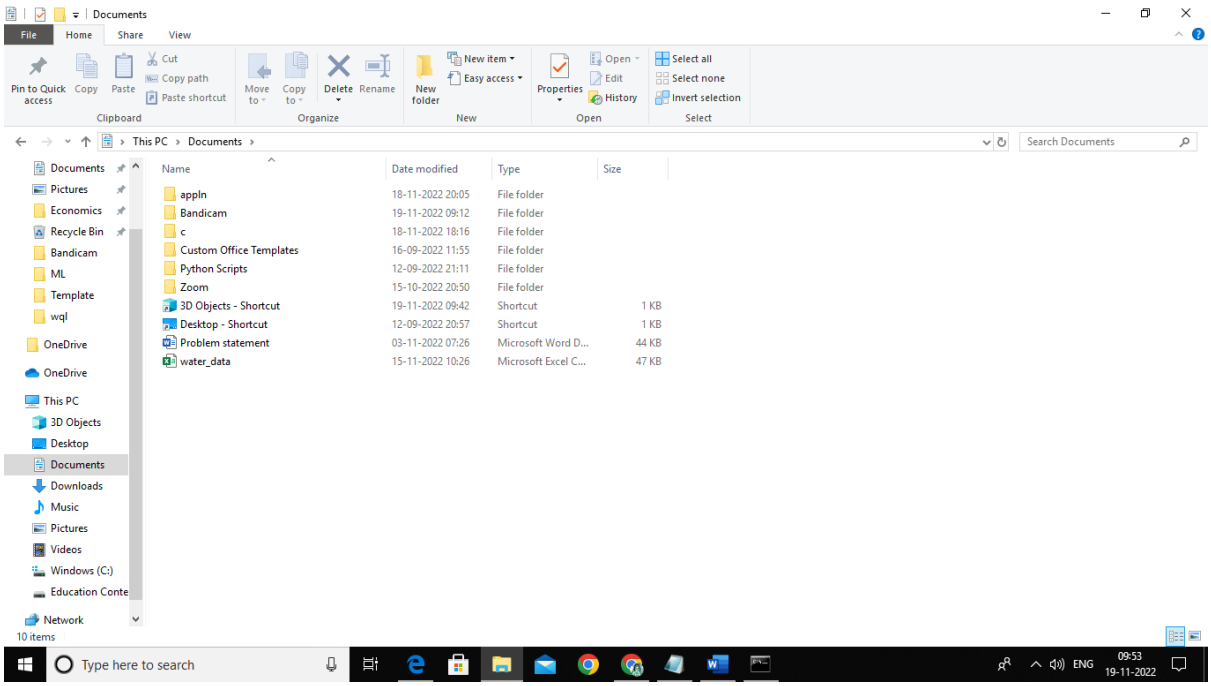
Documents
File Home Share View
Pin to Quick access Copy Paste Cut Copy path Paste shortcut Clipboard
Move to Copy to Delete Rename Organize
New folder New item Easy access New
Properties Open Edit History Open
Select all Select none Invert selection Select
This PC › Documents ›
Search Documents
Documents Pictures Economics Recycle Bin Bandicam ML Template wql OneDrive OneDrive This PC 3D Objects Desktop Documents Downloads Music Pictures Videos Windows (C:) Education Conte Network
Name Date modified Type Size
appln 18-11-2022 20:05 File folder
Bandicam 19-11-2022 09:12 File folder
c 18-11-2022 18:16 File folder
Custom Office Templates 16-09-2022 11:55 File folder
Python Scripts 12-09-2022 21:11 File folder
Zoom 15-10-2022 20:50 File folder
3D Objects - Shortcut 19-11-2022 09:42 Shortcut 1 KB
Desktop - Shortcut 12-09-2022 20:57 Shortcut 1 KB
Problem statement 03-11-2022 07:26 Microsoft Word D... 44 KB
water_data 15-11-2022 10:26 Microsoft Excel C... 47 KB
10 items
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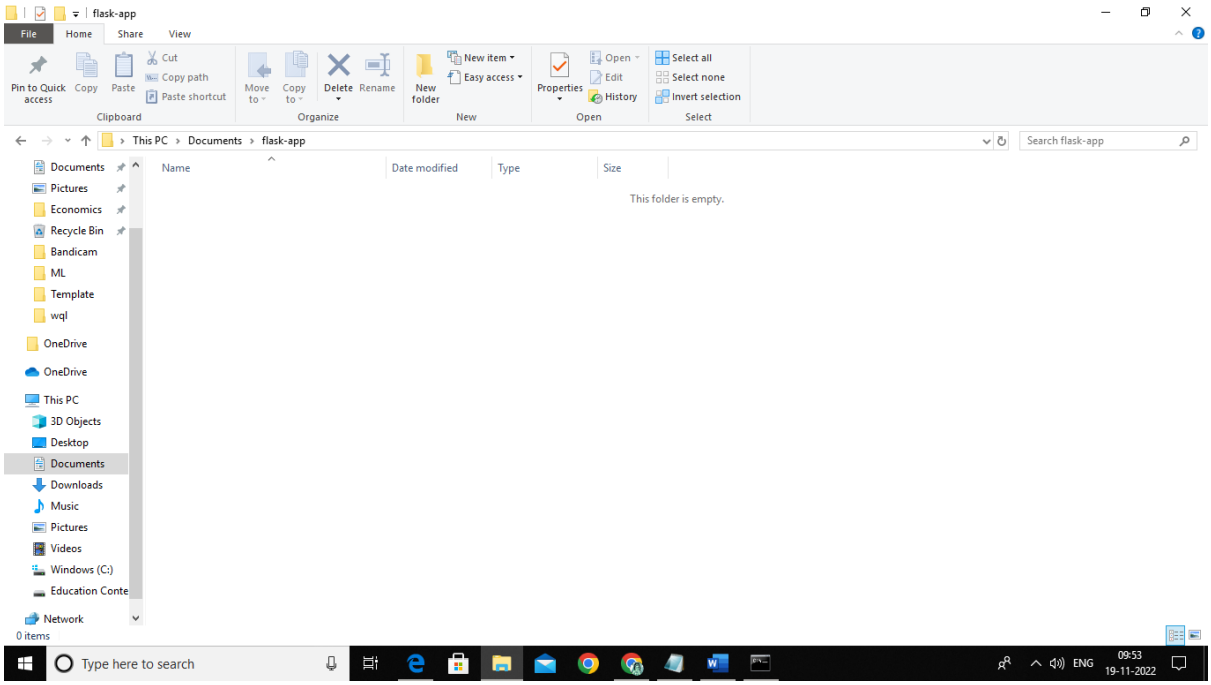
ENG 09:53 19-11-2022


flask-app
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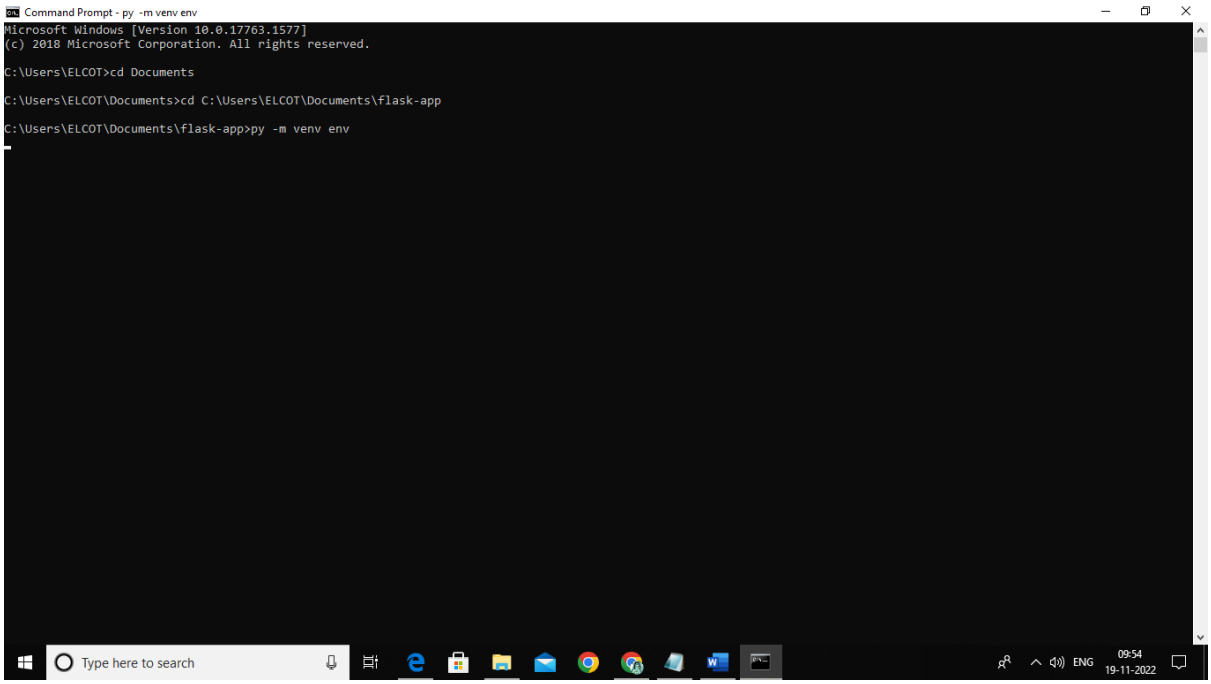
Command Prompt - py -m venv env
Microsoft Windows [Version 10.0.17763.1577]
(c) 2018 Microsoft Corporation. All rights reserved.
C:\Users\ELCOT>cd Documents
C:\Users\ELCOT\Documents>cd C:\Users\ELCOT\Documents\flask-app
C:\Users\ELCOT\Documents\flask-app>py -m venv env
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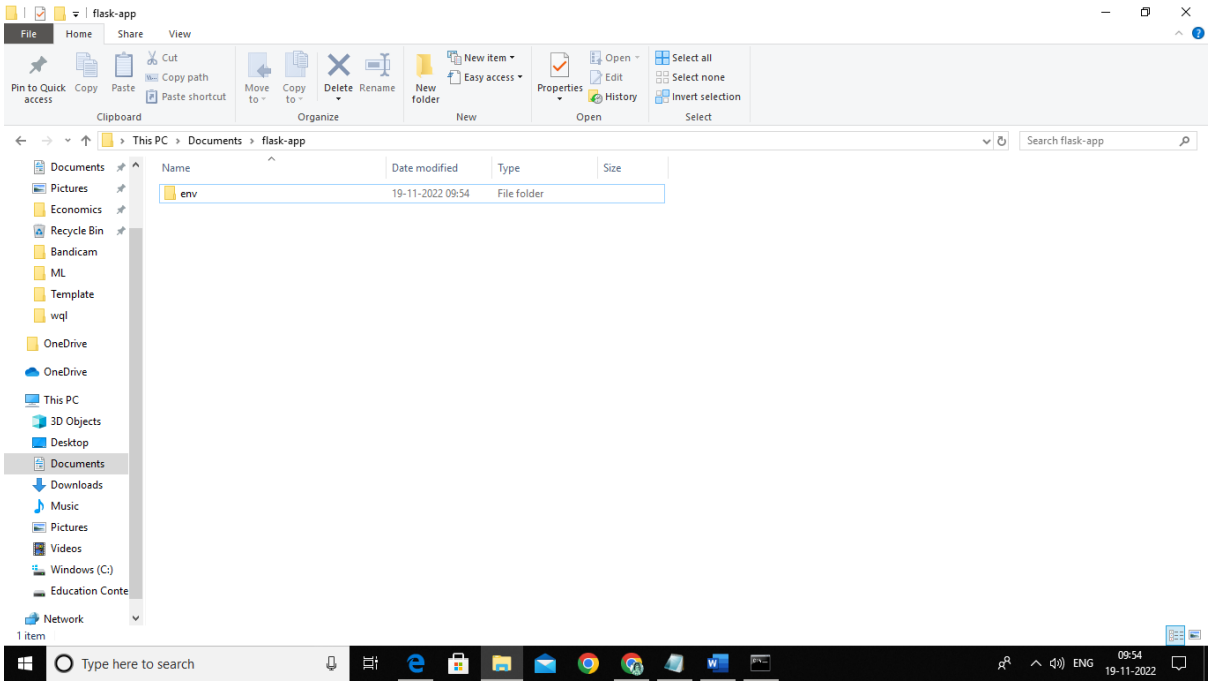
19-11-2022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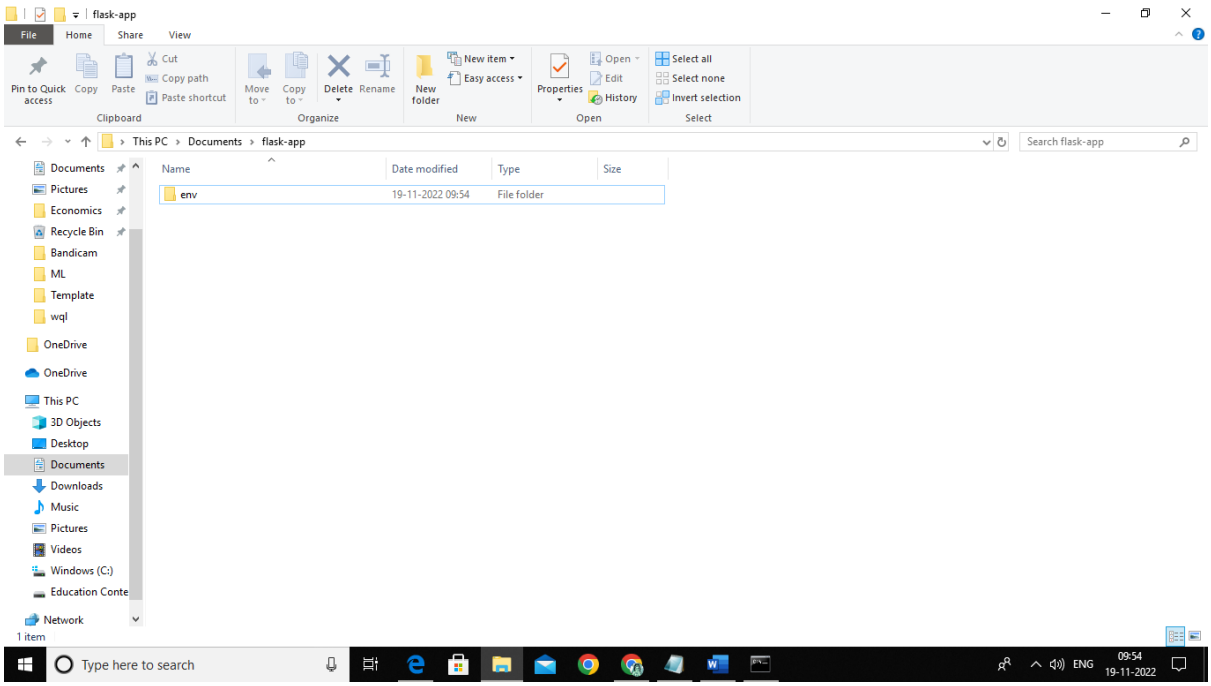
19-11-2022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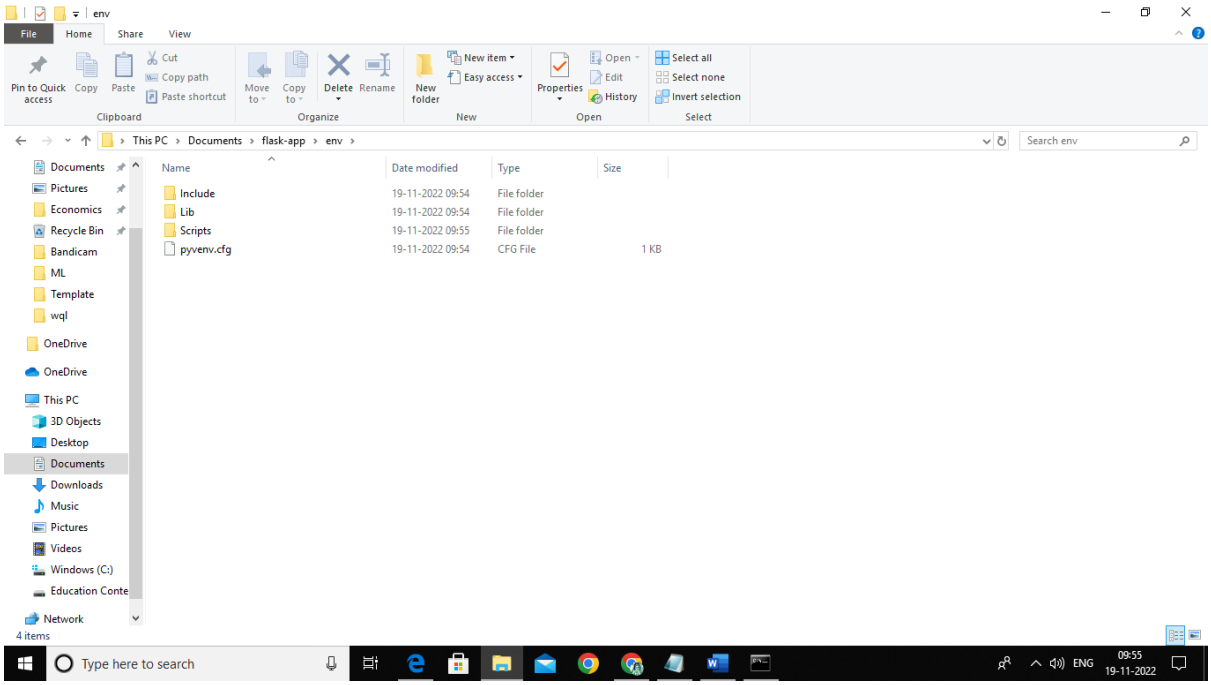
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CFG File
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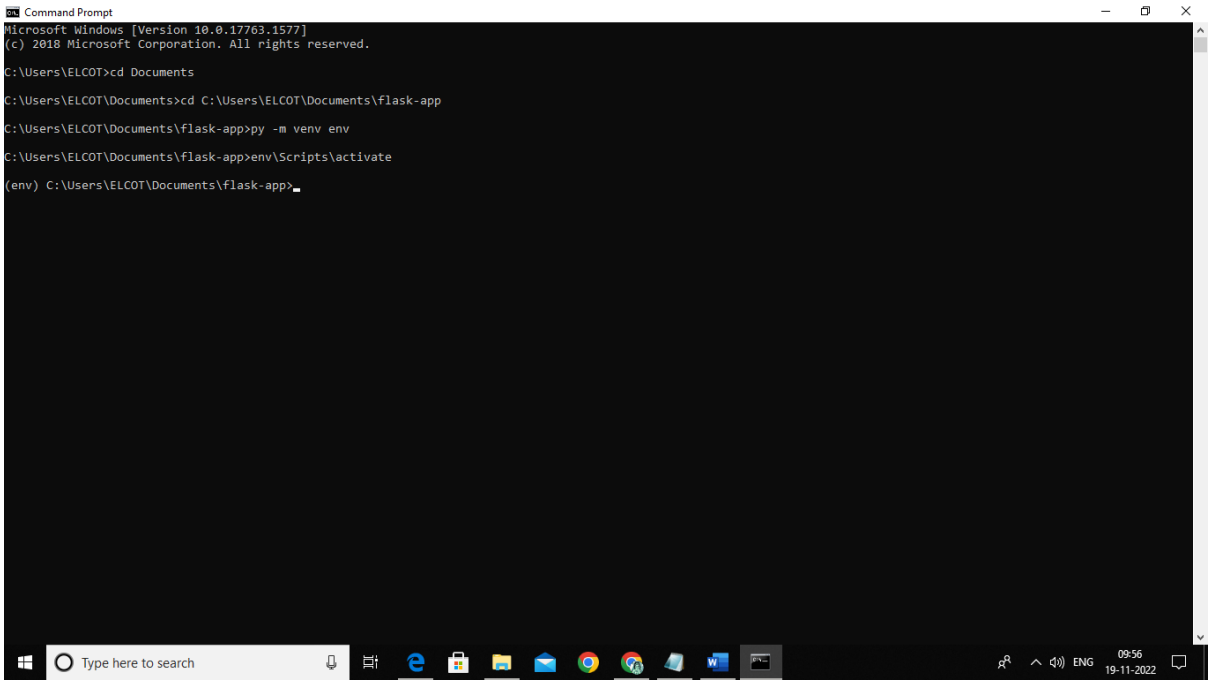
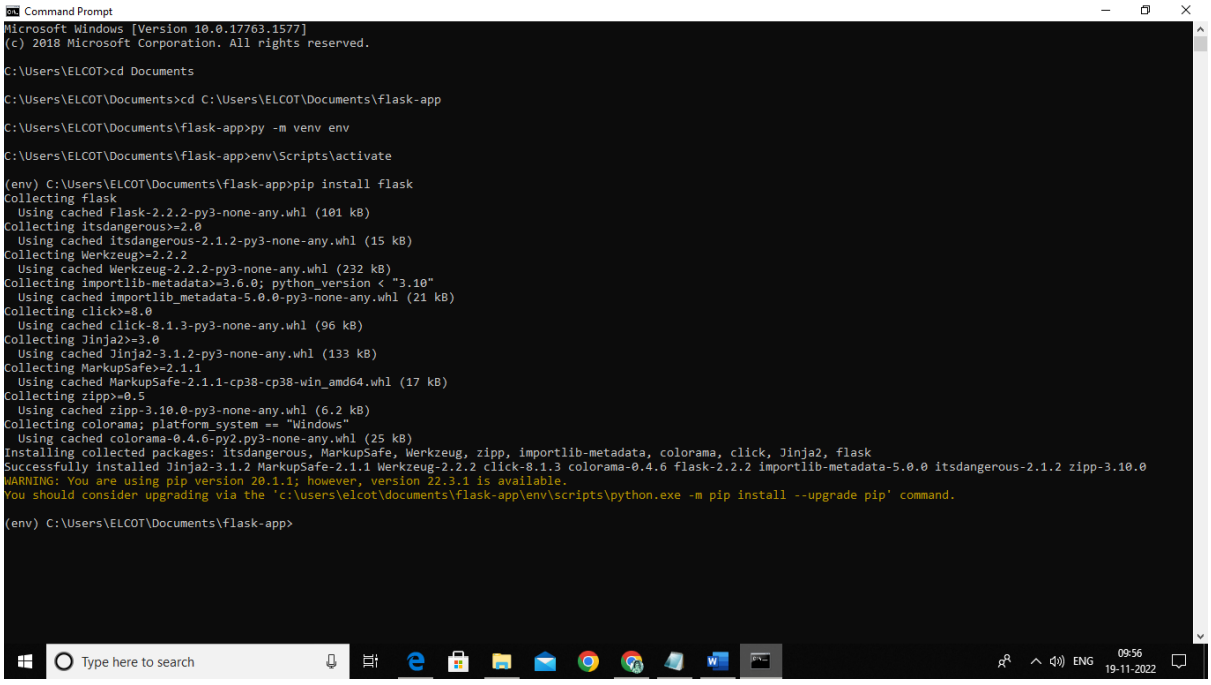
ENG
09:55
19-11-2022


Command Prompt
Microsoft Windows [Version 10.0.17763.1577]
(c) 2018 Microsoft Corporation. All rights reserved.
C:\Users\ELCOT>cd Documents
C:\Users\ELCOT\Documents>cd C:\Users\ELCOT\Documents\flask-app
C:\Users\ELCOT\Documents\flask-app>py -m venv env
C:\Users\ELCOT\Documents\flask-app>env\Scripts\activate
(env) C:\Users\ELCOT\Documents\flask-app>
Type here to search
ENG
09:56
19-11-2022


Command Prompt
Microsoft Windows [Version 10.0.17763.1577]
(c) 2018 Microsoft Corporation. All rights reserved.
C:\Users\ELCOT>cd Documents
C:\Users\ELCOT\Documents>cd C:\Users\ELCOT\Documents\flask-app
C:\Users\ELCOT\Documents\flask-app>py -m venv env
C:\Users\ELCOT\Documents\flask-app>env\Scripts\activate
(env) C:\Users\ELCOT\Documents\flask-app>pip install flask
Collecting flask
Using cached Flask-2.2.2-py3-none-any.whl (101 kB)
Collecting itsdangerous>=2.0
Using cached itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Collecting Werkzeug>=2.2.2
Using cached Werkzeug-2.2.2-py3-none-any.whl (232 kB)
Collecting importlib-metadata>=3.6.0; python_version < "3.10"
Using cached importlib_metadata-5.0.0-py3-none-any.whl (21 kB)
Collecting click>=8.0
Using cached click-8.1.3-py3-none-any.whl (96 kB)
Collecting Jinja2>=3.0
Using cached Jinja2-3.1.2-py3-none-any.whl (133 kB)
Collecting MarkupSafe>=2.1.1
Using cached MarkupSafe-2.1.1-cp38-cp38-win_amd64.whl (17 kB)
Collecting zipp>=0.5
Using cached zipp-3.10.0-py3-none-any.whl (6.2 kB)
Collecting colorama; platform_system == "Windows"
Using cached colorama-0.4.6-py2.py3-none-any.whl (25 kB)
Installing collected packages: itsdangerous, MarkupSafe, Werkzeug, zipp, importlib-metadata, colorama, click, Jinja2, flask
Successfully installed Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 click-8.1.3 colorama-0.4.6 flask-2.2.2 importlib-metadata-5.0.0 itsdangerous-2.1.2 zipp-3.10.0
WARNING: You are using pip version 20.1.1; however, version 22.3.1 is available.
You should consider upgrading via the 'c:\users\elcot\documents\flask-app\env\scripts\python.exe -m pip install --upgrade pip' command.
(env) C:\Users\ELCOT\Documents\flask-app>
Type here to search
ENG
09:56
19-11-2022

app - Notepad

File Edit Format View Help

```
from flask import Flask, request, url_for, redirect, render_template, jsonify, abort
import pandas as pd
import pickle
import numpy as np
import json
from sklearn.preprocessing import StandardScaler

app = Flask(__name__)
f_myfile = open('myfile.pickle', 'wb')
cols = ['location', 'state', 'do', 'ph', 'Conductivity', 'bod', 'na', 'fc']
@app.route('/')
def home():
    return render_template("index.html")

@app.route('/predict', methods=['POST'])
def predict():
    scale = StandardScaler()
    df = pd.read_csv("static/data/water_data.csv")
    df = scale.fit(df.drop(columns="Potability", axis=1))
    int_features = [x for x in request.form.values()]
    final = np.array(int_features)
    data_unseen = pd.DataFrame([final], columns = cols)
    data_unseen_scaled = scale.transform(data_unseen)
    prediction = model.predict(data_unseen_scaled)
    prediction = int(prediction[0])
    # return render_template('index.html', pred=prediction)
    return json.dumps({'potable':prediction})

if __name__ == '__main__':
    app.run(debug=True)
```

Windows (CRLF) Ln 30, Col 24 100%

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index - Notepad

File Edit Format View Help

```
<html>
<body style="background-color:blue;">
<center>WATER QUALITY PREDICTION-</center>
<style>
</style>
<body>
   <center><div class="header"><img src="C:\Users\WELCOME\Desktop\water\wq.jpg" width="20
   <center><div class="header1"><font color="#FF0000" font.family="Fascinate Inline"size=
<br><br><br><br><br>
   <form class="main" action="/login" method="post">
    <br>
    <center>
    <li><input type="text" name="year" placeholder="Enter Year"/></li>
    <li><input type="text" name="do" placeholder="Enter D.O"/></li>
    <li><input type="text" name="ph" placeholder="Enter PH"/></li>
    <li><input type="text" name="co" placeholder="Enter Conductivity"/></li>
    <li><input type="text" name="bod" placeholder="Enter B.O.D"/></li>
    <li><input type="text" name="na" placeholder="Enter Nitratenen"/></li>
    <li><input type="text" name="tc" placeholder="Enter Total Coliform"/><li>
    <li><input type="submit" name="logbtn" value="Predict"></li>
```

Windows (CRLF) Ln 18, Col 76 100%

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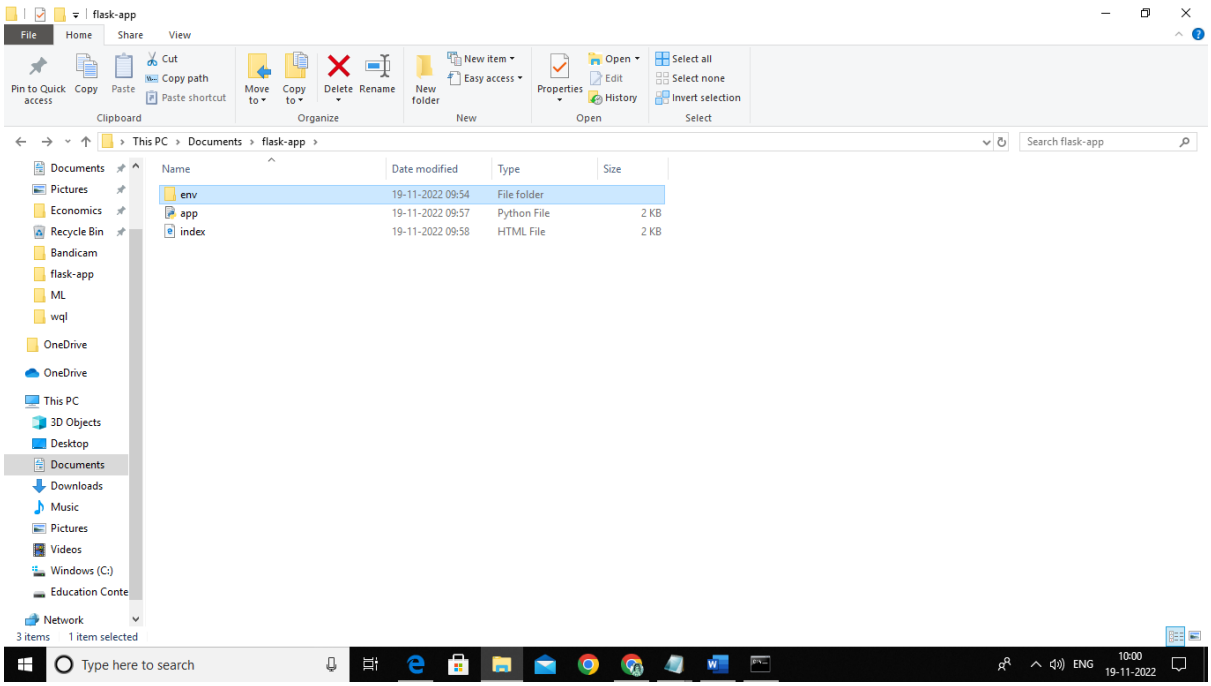
flask-app
File
Home
Share
View
Pin to Quick access
Copy
Paste
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Copy path
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Clipboard
Move to
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Delete
Rename
Organize
New folder
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This PC › Documents › flask-app ›
Search flask-app
Documents
Pictures
Economics
Recycle Bin
Bandicam
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19-11-2022 09:54
File folder
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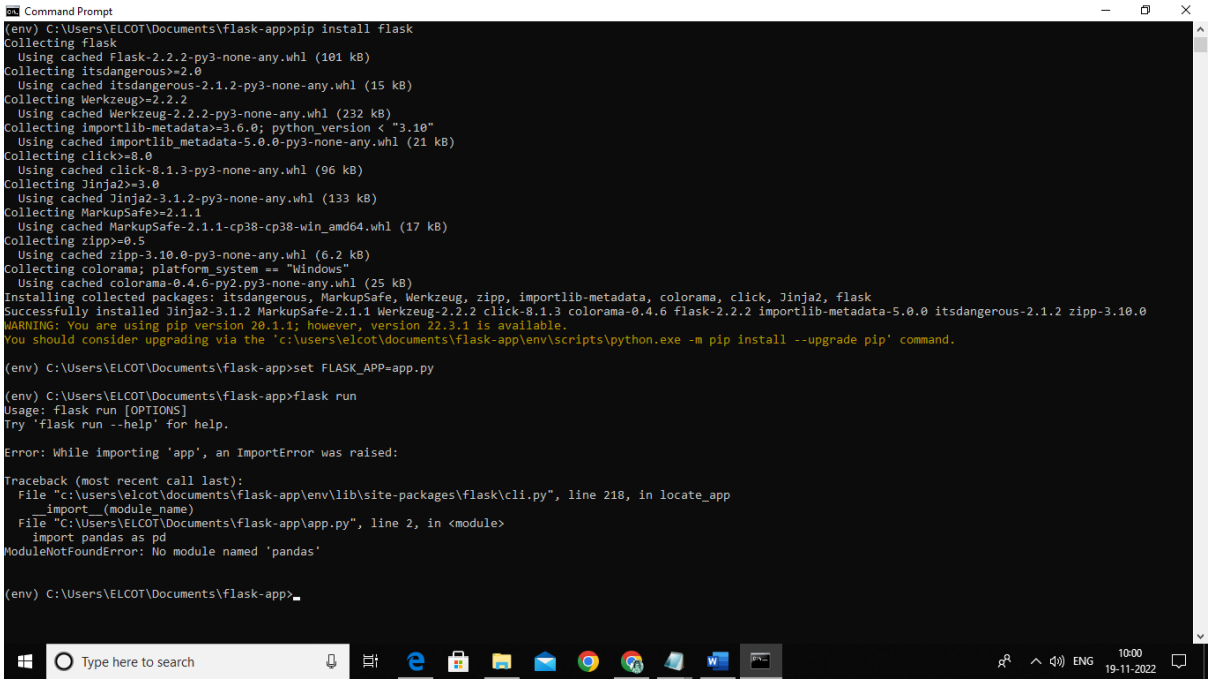
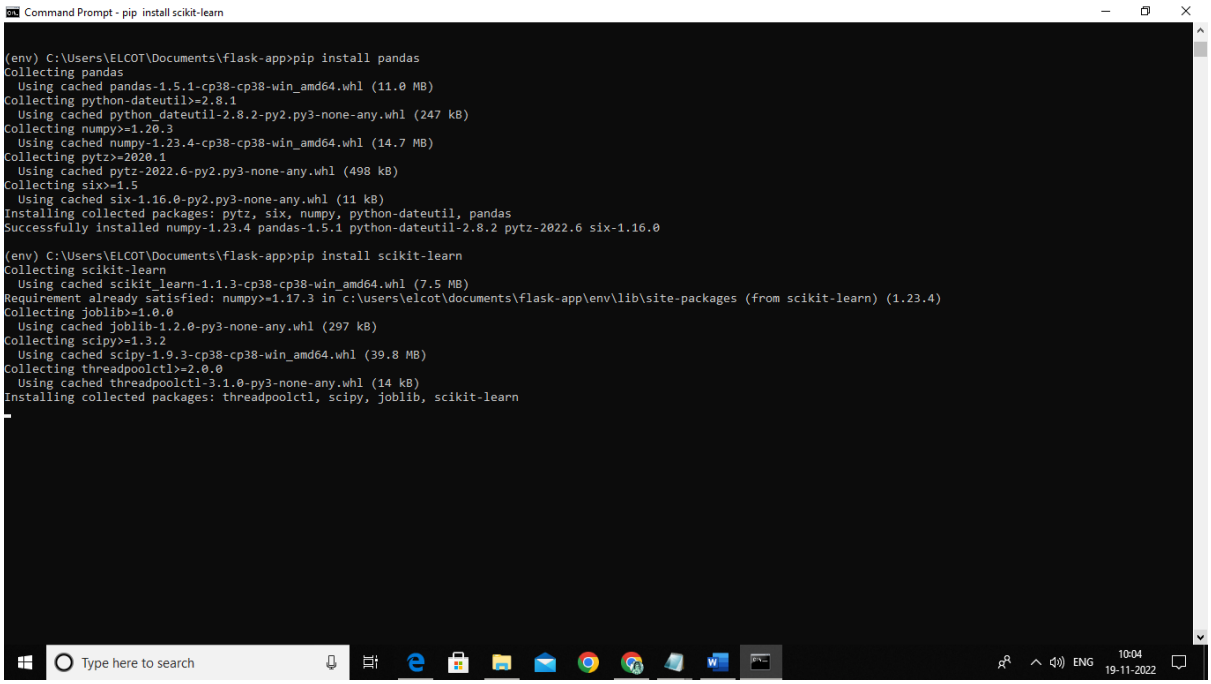
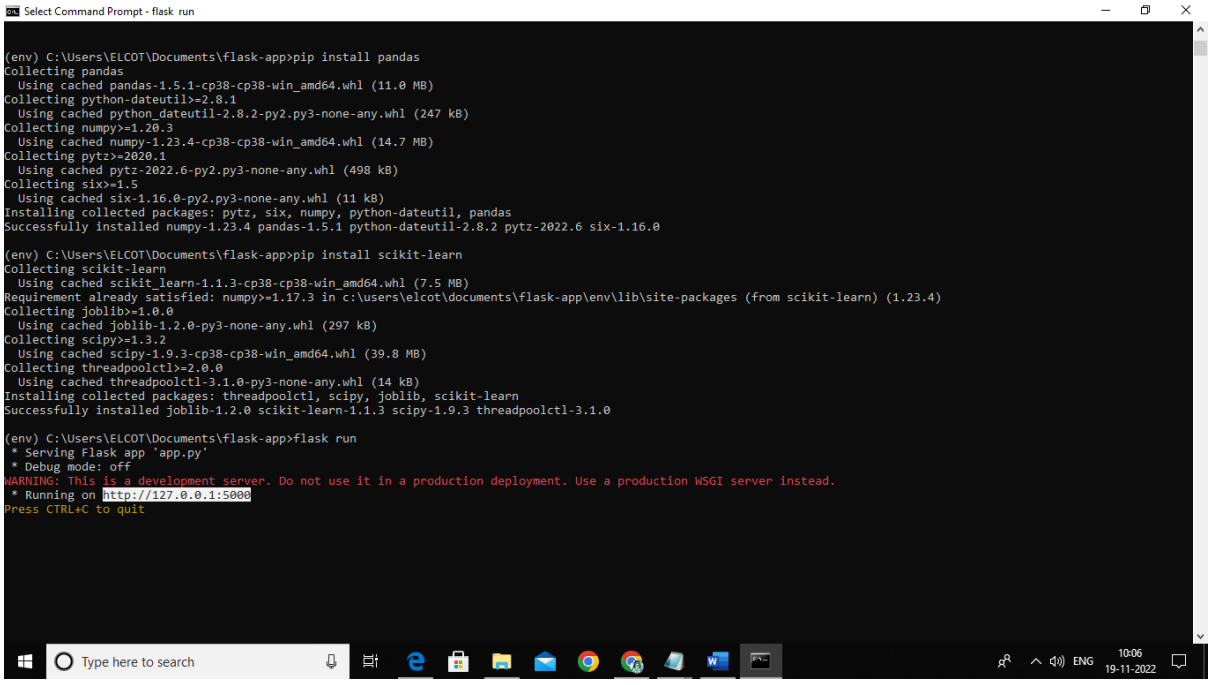
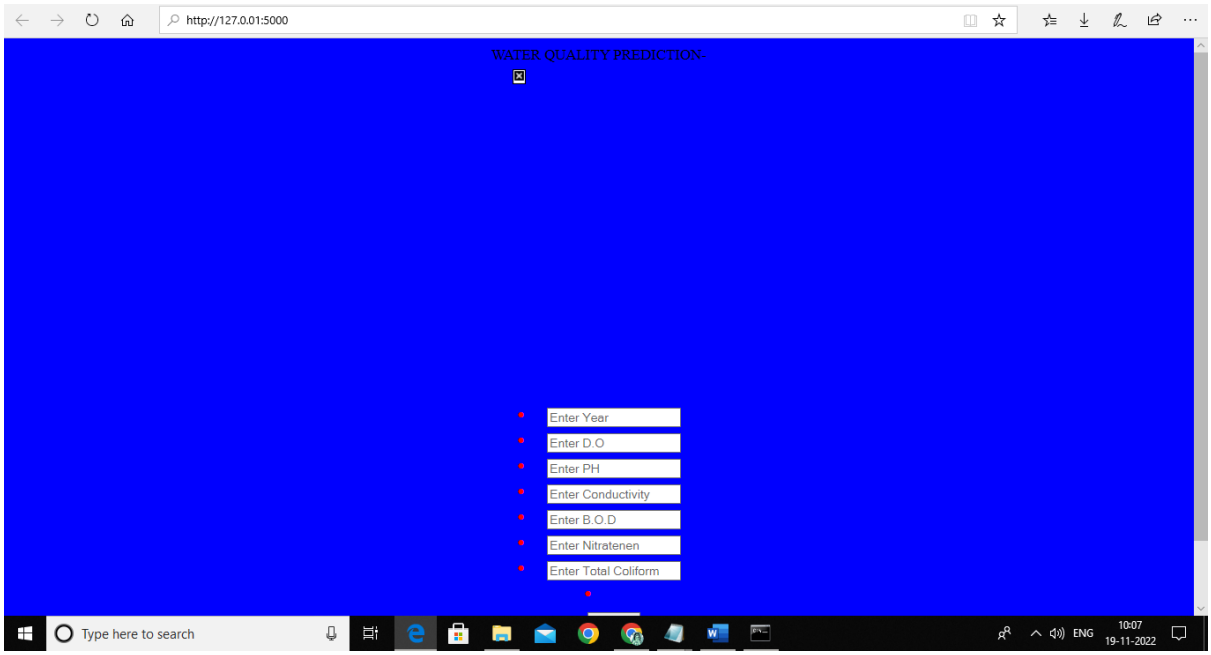
Python File
2 KB
index
19-11-2022 09:58
HTML File
2 KB
3 items
1 item selected
Type here to search
ENG
10:00
19-11-2022


Command Prompt
(env) C:\Users\ELCOT\Documents\flask-app>pip install flask
Collecting flask
Using cached Flask-2.2.2-py3-none-any.whl (101 kB)
Collecting itsdangerous>=2.0
Using cached itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Collecting Werkzeug>=2.2.2
Using cached Werkzeug-2.2.2-py3-none-any.whl (232 kB)
Collecting importlib-metadata>=3.6.0; python_version < "3.10"
Using cached importlib_metadata-5.0.0-py3-none-any.whl (21 kB)
Collecting click>=8.0
Using cached click-8.1.3-py3-none-any.whl (96 kB)
Collecting Jinja2>=3.0
Using cached Jinja2-3.1.2-py3-none-any.whl (133 kB)
Collecting MarkupSafe>=2.1.1
Using cached MarkupSafe-2.1.1-cp38-cp38-win_amd64.whl (17 kB)
Collecting zipp>=0.5
Using cached zipp-3.10.0-py3-none-any.whl (6.2 kB)
Collecting colorama; platform_system == "Windows"
Using cached colorama-0.4.6-py2.py3-none-any.whl (25 kB)
Installing collected packages: itsdangerous, MarkupSafe, Werkzeug, zipp, importlib-metadata, colorama, click, Jinja2, flask
Successfully installed Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 click-8.1.3 colorama-0.4.6 flask-2.2.2 importlib-metadata-5.0.0 itsdangerous-2.1.2 zipp-3.10.0
WARNING: You are using pip version 20.1.1; however, version 22.3.1 is available.
You should consider upgrading via the 'c:\users\elcot\documents\flask-app\env\scripts\python.exe -m pip install --upgrade pip' command.
(env) C:\Users\ELCOT\Documents\flask-app>set FLASK_APP=app.py
(env) C:\Users\ELCOT\Documents\flask-app>flask run
Usage: flask run [OPTIONS]
Try 'flask run --help' for help.
Error: While importing 'app', an ImportError was raised:
Traceback (most recent call last):
File "c:\users\elcot\documents\flask-app\env\lib\site-packages\flask\cli.py", line 218, in locate_app
__import__(module_name)
File "C:\Users\ELCOT\Documents\flask-app\app.py", line 2, in <module>
import pandas as pd
ModuleNotFoundError: No module named 'pandas'
(env) C:\Users\ELCOT\Documents\flask-app>
Type here to search
ENG
10:00
19-11-2022


Command Prompt - pip install scikit-learn
(env) C:\Users\ELCOT\Documents\flask-app>pip install pandas
Collecting pandas
Using cached pandas-1.5.1-cp38-cp38-win_amd64.whl (11.0 MB)
Collecting python-dateutil>=2.8.1
Using cached python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
Collecting numpy>=1.20.3
Using cached numpy-1.23.4-cp38-cp38-win_amd64.whl (14.7 MB)
Collecting pytz>=2020.1
Using cached pytz-2022.6-py2.py3-none-any.whl (498 kB)
Collecting six>=1.5
Using cached six-1.16.0-py2.py3-none-any.whl (11 kB)
Installing collected packages: pytz, six, numpy, python-dateutil, pandas
Successfully installed numpy-1.23.4 pandas-1.5.1 python-dateutil-2.8.2 pytz-2022.6 six-1.16.0
(env) C:\Users\ELCOT\Documents\flask-app>pip install scikit-learn
Collecting scikit-learn
Using cached scikit_learn-1.1.3-cp38-cp38-win_amd64.whl (7.5 MB)
Requirement already satisfied: numpy>=1.17.3 in c:\users\elcot\documents\flask-app\env\lib\site-packages (from scikit-learn) (1.23.4)
Collecting joblib>=1.0.0
Using cached joblib-1.2.0-py3-none-any.whl (297 kB)
Collecting scipy>=1.3.2
Using cached scipy-1.9.3-cp38-cp38-win_amd64.whl (39.8 MB)
Collecting threadpoolctl>=2.0.0
Using cached threadpoolctl-3.1.0-py3-none-any.whl (14 kB)
Installing collected packages: threadpoolctl, scipy, joblib, scikit-learn
Type here to search
ENG
10:04
19-11-2022


Select Command Prompt - flask run
(env) C:\Users\ELCOT\Documents\flask-app>pip install pandas
Collecting pandas
Using cached pandas-1.5.1-cp38-cp38-win_amd64.whl (11.0 MB)
Collecting python-dateutil>=2.8.1
Using cached python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
Collecting numpy>=1.20.3
Using cached numpy-1.23.4-cp38-cp38-win_amd64.whl (14.7 MB)
Collecting pytz>=2020.1
Using cached pytz-2022.6-py2.py3-none-any.whl (498 kB)
Collecting six>=1.5
Using cached six-1.16.0-py2.py3-none-any.whl (11 kB)
Installing collected packages: pytz, six, numpy, python-dateutil, pandas
Successfully installed numpy-1.23.4 pandas-1.5.1 python-dateutil-2.8.2 pytz-2022.6 six-1.16.0
(env) C:\Users\ELCOT\Documents\flask-app>pip install scikit-learn
Collecting scikit-learn
Using cached scikit_learn-1.1.3-cp38-cp38-win_amd64.whl (7.5 MB)
Requirement already satisfied: numpy>=1.17.3 in c:\users\elcot\documents\flask-app\env\lib\site-packages (from scikit-learn) (1.23.4)
Collecting joblib>=1.0.0
Using cached joblib-1.2.0-py3-none-any.whl (297 kB)
Collecting scipy>=1.3.2
Using cached scipy-1.9.3-cp38-cp38-win_amd64.whl (39.8 MB)
Collecting threadpoolctl>=2.0.0
Using cached threadpoolctl-3.1.0-py3-none-any.whl (14 kB)
Installing collected packages: threadpoolctl, scipy, joblib, scikit-learn
Successfully installed joblib-1.2.0 scikit-learn-1.1.3 scipy-1.9.3 threadpoolctl-3.1.0
(env) C:\Users\ELCOT\Documents\flask-app>flask run
* Serving Flask app 'app.py'
* Debug mode: off
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
Type here to search
ENG
10:06
19-11-2022


http://127.0.01:5000
WATER QUALITY PREDICTION-
Enter Year
Enter D.O
Enter PH
Enter Conductivity
Enter B.O.D
Enter Nitratenen
Enter Total Coliform
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ENG
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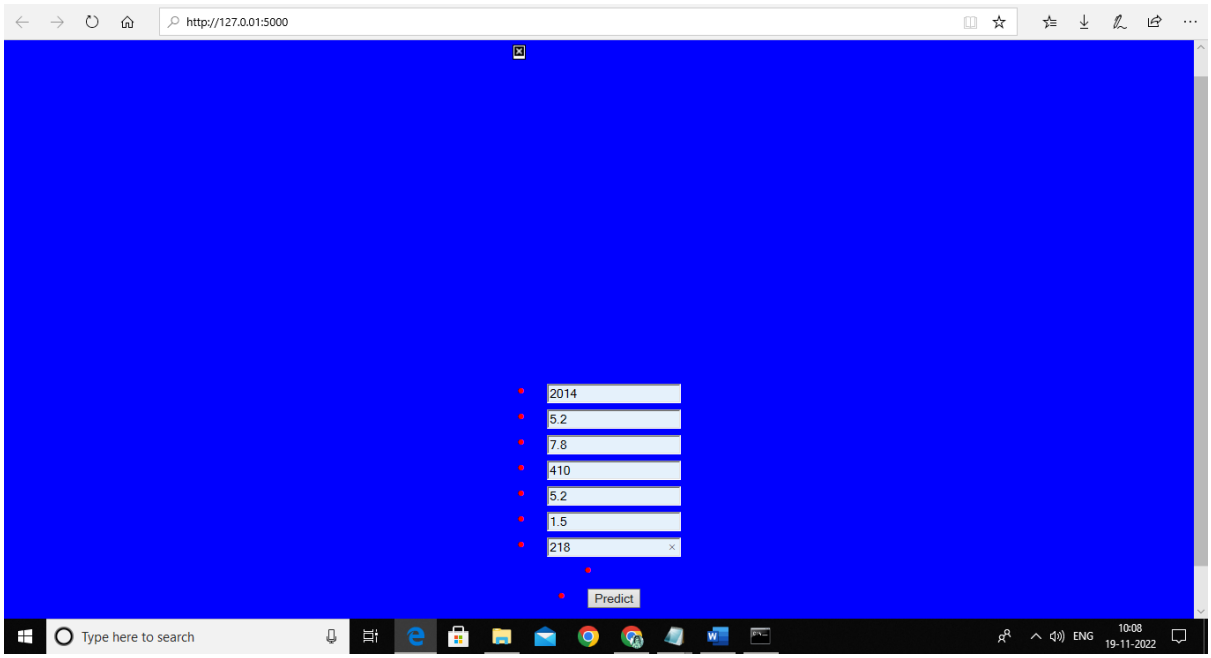
19-11-2022


http://127.0.01:5000
2014
5.2
7.8
410
5.2
1.5
218
Predict
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ENG
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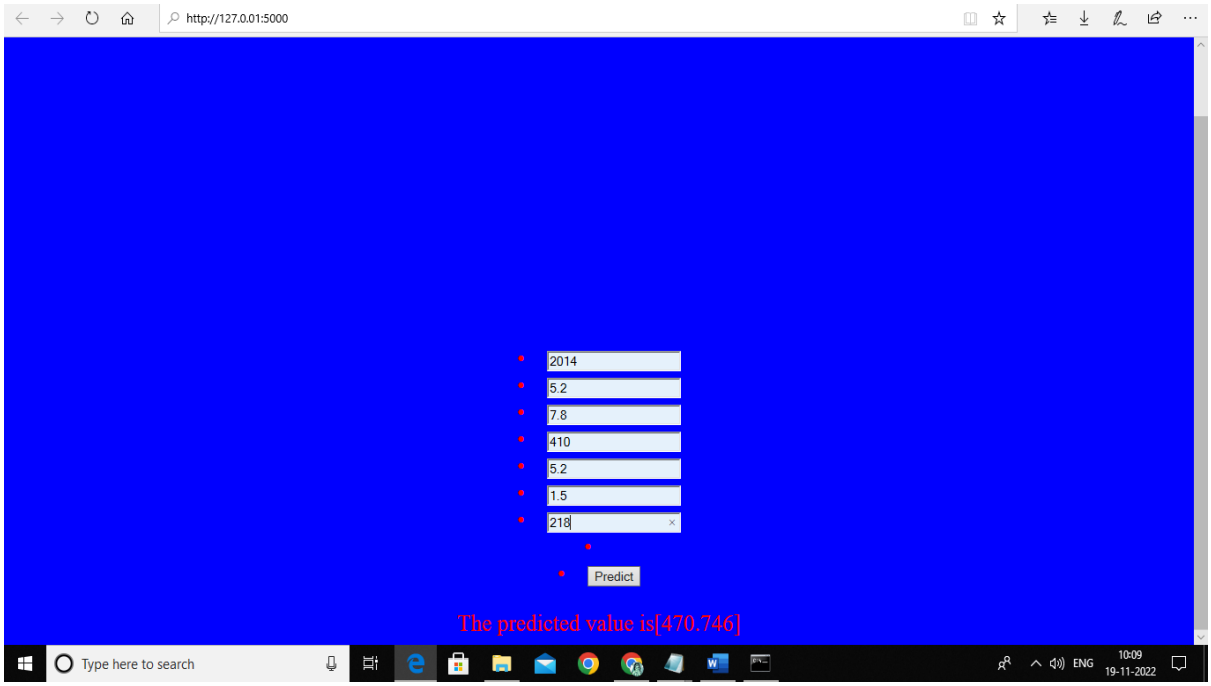
19-11-2022


http://127.0.01:5000
2014
5.2
7.8
410
5.2
1.5
218
Predict
The predicted value is[470.746]
Type here to search
ENG
10:09
19-11-2022