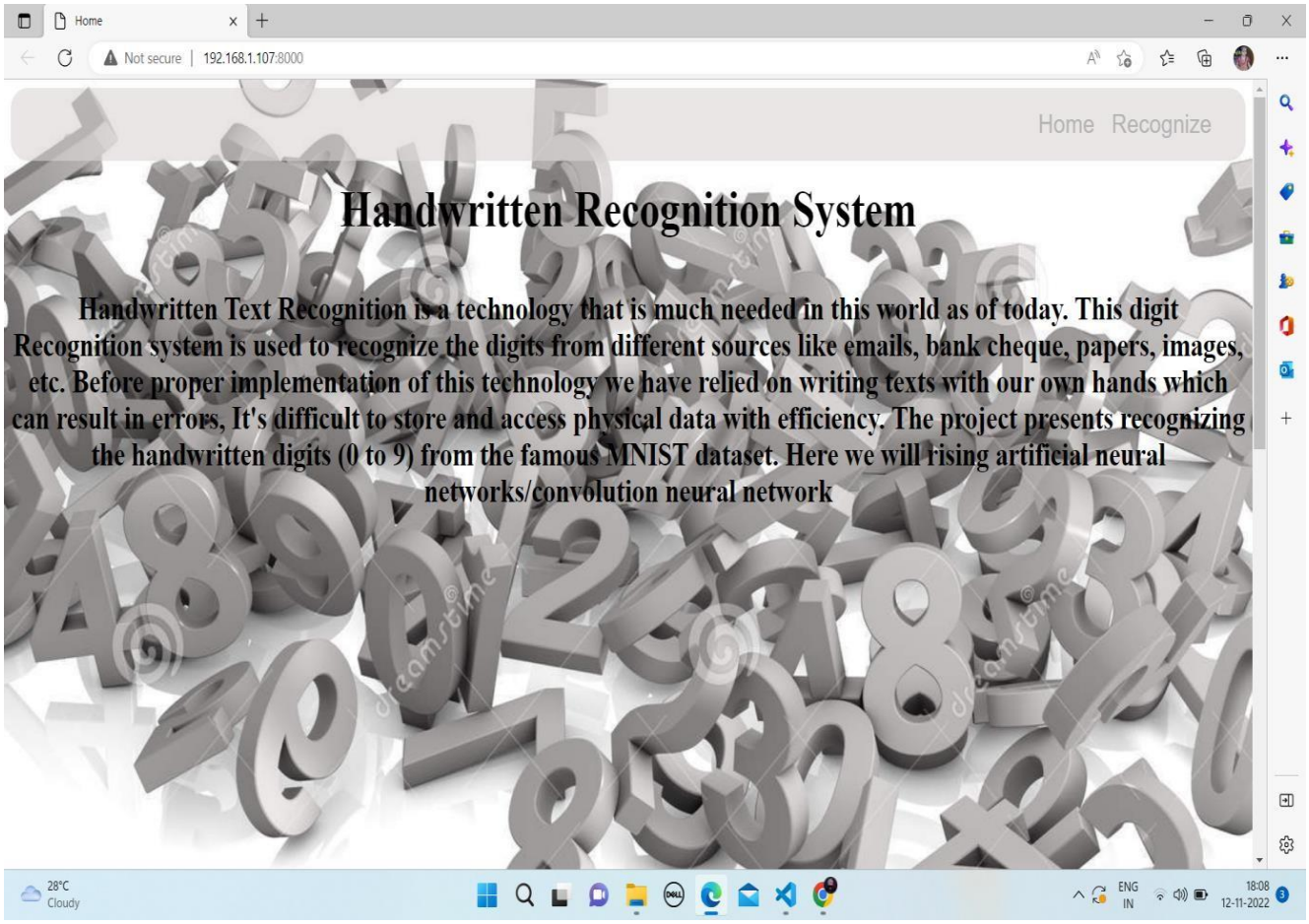
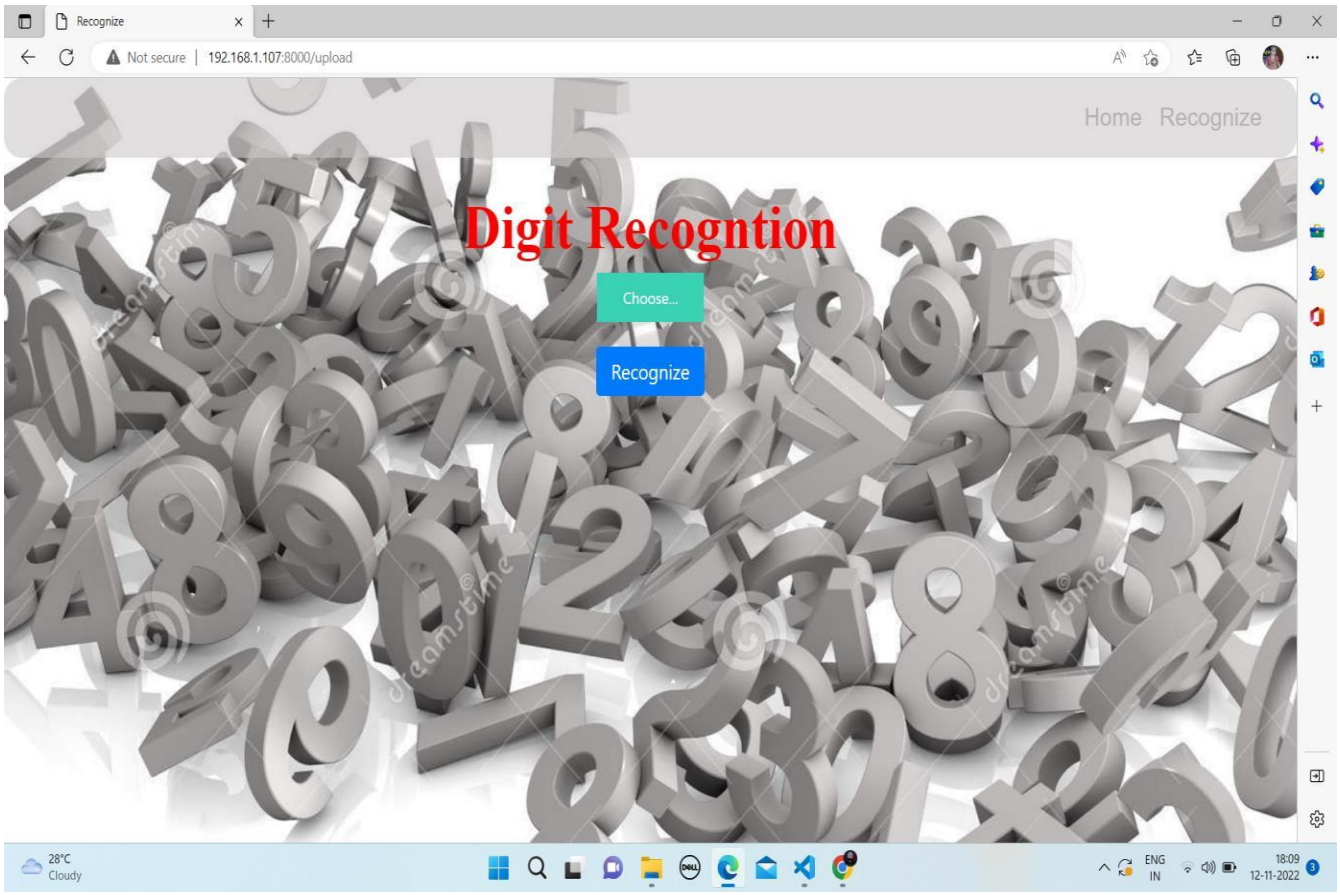
Project Development Phase
Sprint-3

Date	11 November 2022
Team ID	PNT2022TMID39478
Project Name	A Novel Method for Handwritten Digit Recognition System




Recognize
Not secure | 192.168.1.107:8000/upload
Home Recognize
Digit Recogntion
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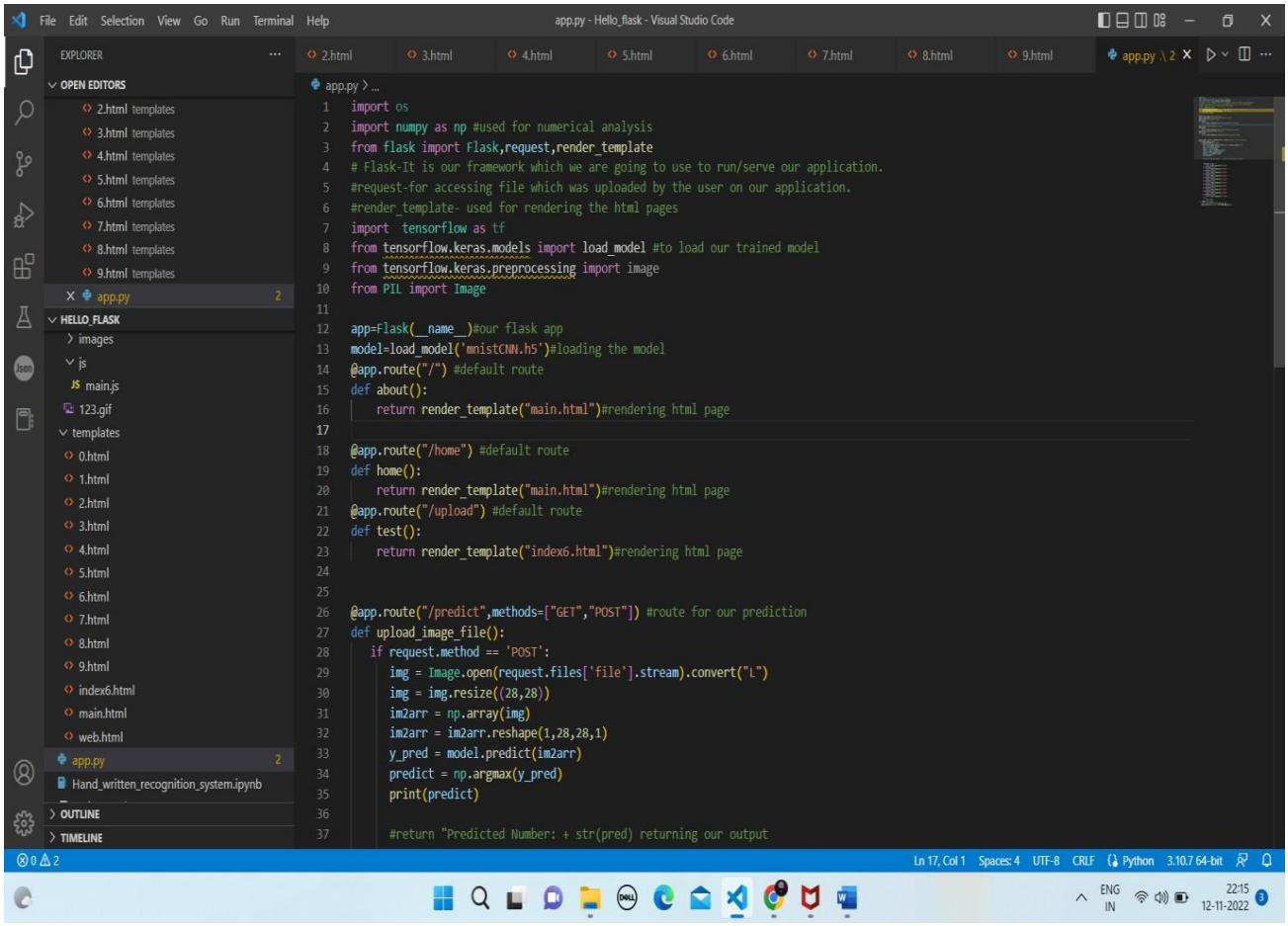
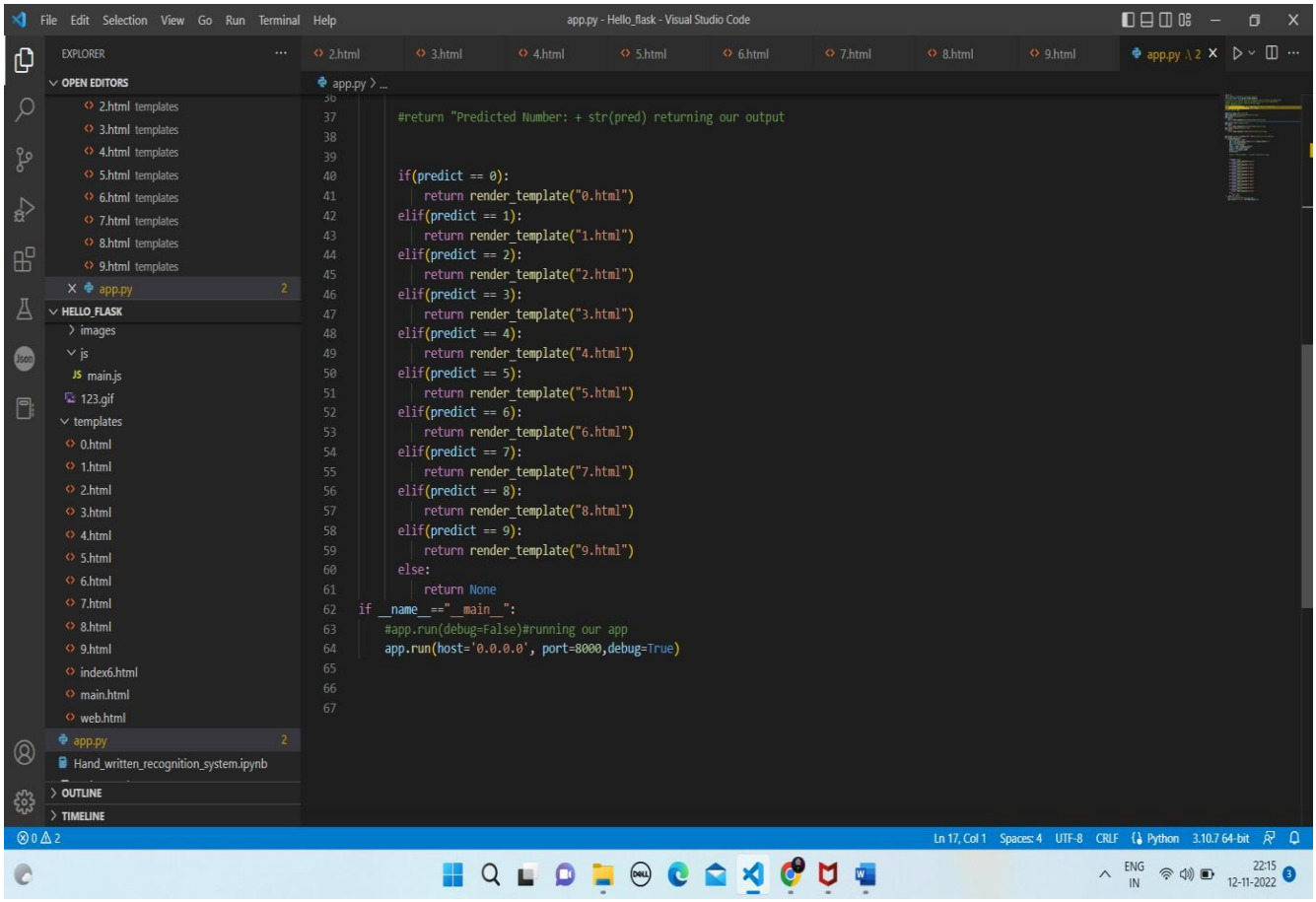
Python code(app.py)




File Edit Selection View Go Run Terminal Help
app.py - Hello_flask - Visual Studio Code
EXPLORER
OPEN EDITORS
2.html templates
3.html templates
4.html templates
5.html templates
6.html templates
7.html templates
8.html templates
9.html templates
app.py 2
HELLO_FLASK
images
js
main.js
123.gif
templates
0.html
1.html
2.html
3.html
4.html
5.html
6.html
7.html
8.html
9.html
index6.html
main.html
web.html
app.py 2
Hand_written_recognition_system.ipynb
OUTLINE
TIMELINE
2.html
3.html
4.html
5.html
6.html
7.html
8.html
9.html
app.py 2
app.py > ...
#return "Predicted Number: + str(pred) returning our output
if(predict == 0):
return render_template("0.html")
elif(predict == 1):
return render_template("1.html")
elif(predict == 2):
return render_template("2.html")
elif(predict == 3):
return render_template("3.html")
elif(predict == 4):
return render_template("4.html")
elif(predict == 5):
return render_template("5.html")
elif(predict == 6):
return render_template("6.html")
elif(predict == 7):
return render_template("7.html")
elif(predict == 8):
return render_template("8.html")
elif(predict == 9):
return render_template("9.html")
else:
return None
if __name__=="__main__":
#app.run(debug=False)#running our app
app.run(host='0.0.0.0', port=8000,debug=True)
0 2
Ln 17, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.7 64-bit
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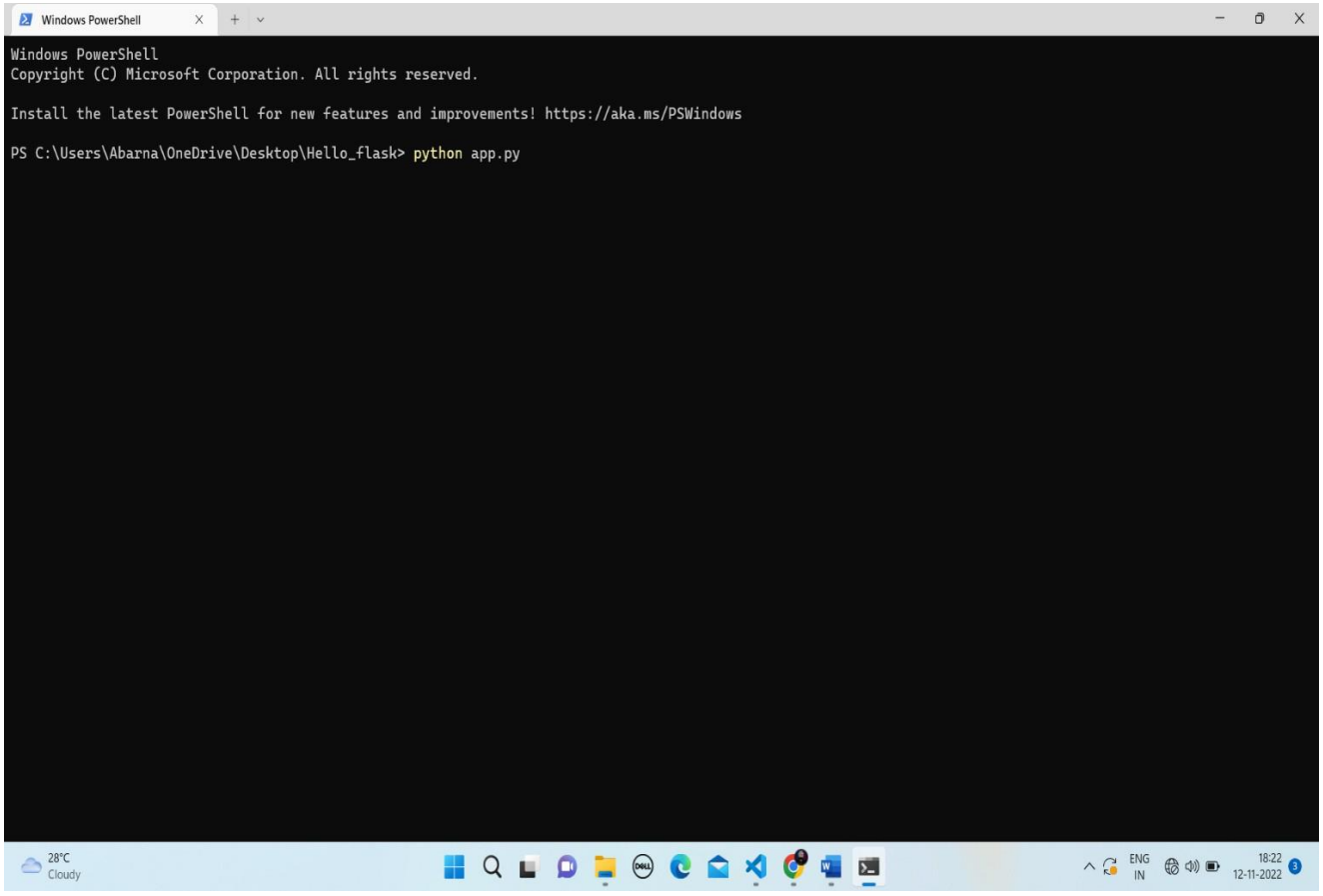
Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows
PS C:\Users\Abarna\OneDrive\Desktop\Hello_flask> python app.py
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Cloudy
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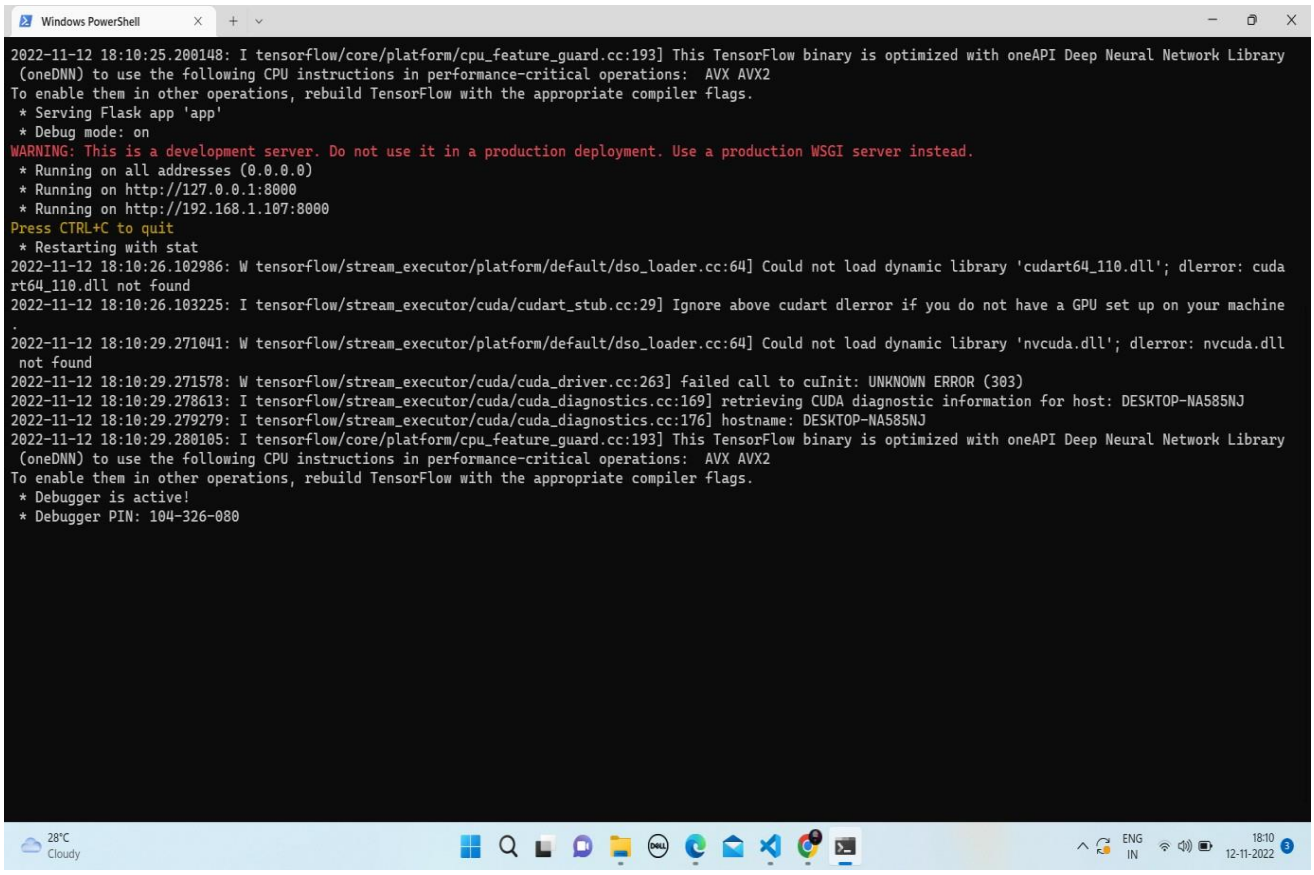
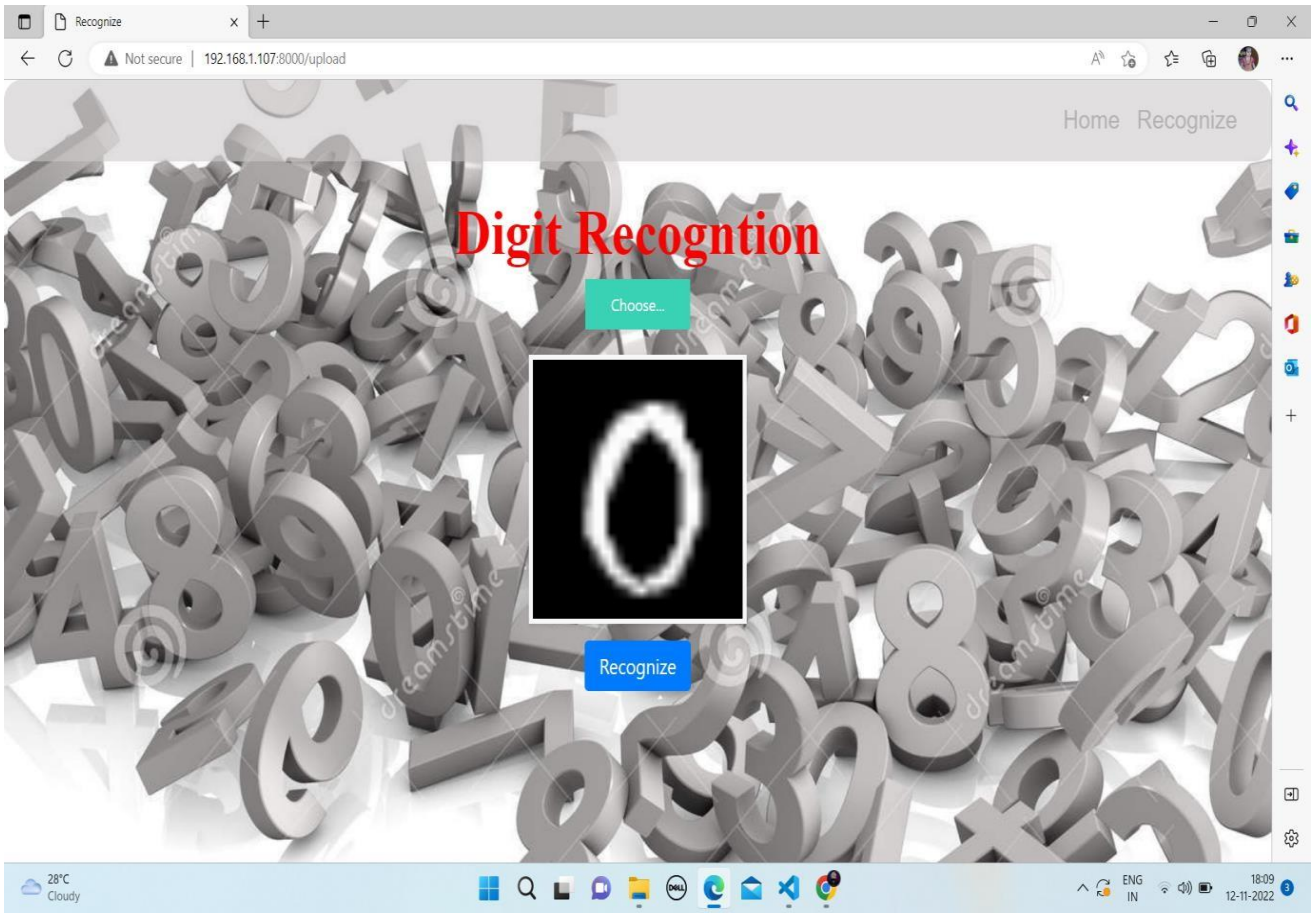
12-11-2022


Windows PowerShell
2022-11-12 18:10:25.200148: I tensorflow/core/platform/cpu_feature_guard.cc:193] This TensorFlow binary is optimized with oneAPI Deep Neural Network Library (oneDNN) to use the following CPU instructions in performance-critical operations: AVX AVX2
To enable them in other operations, rebuild TensorFlow with the appropriate compiler flags.
* 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 all addresses (0.0.0.0)
* Running on http://127.0.0.1:8000
* Running on http://192.168.1.107:8000
Press CTRL+C to quit
* Restarting with stat
2022-11-12 18:10:26.102986: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'cudart64_110.dll'; dlerror: cudart64_110.dll not found
2022-11-12 18:10:26.103225: I tensorflow/stream_executor/cuda/cudart_stub.cc:29] Ignore above cudart dlerror if you do not have a GPU set up on your machine.
2022-11-12 18:10:29.271041: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'nvcuda.dll'; dlerror: nvcuda.dll not found
2022-11-12 18:10:29.271578: W tensorflow/stream_executor/cuda/cuda_driver.cc:263] failed call to cuInit: UNKNOWN ERROR (303)
2022-11-12 18:10:29.278613: I tensorflow/stream_executor/cuda/cuda_diagnostics.cc:169] retrieving CUDA diagnostic information for host: DESKTOP-NA585NJ
2022-11-12 18:10:29.279279: I tensorflow/stream_executor/cuda/cuda_diagnostics.cc:176] hostname: DESKTOP-NA585NJ
2022-11-12 18:10:29.280105: I tensorflow/core/platform/cpu_feature_guard.cc:193] This TensorFlow binary is optimized with oneAPI Deep Neural Network Library (oneDNN) to use the following CPU instructions in performance-critical operations: AVX AVX2
To enable them in other operations, rebuild TensorFlow with the appropriate compiler flags.
* Debugger is active!
* Debugger PIN: 104-326-080
28°C
Cloudy
ENG
IN
18:10
12-11-2022


Recognize
Not secure | 192.168.1.107:8000/upload
Home Recognize
Digit Recogntion
Choose...
Recognize
28°C
Cloudy
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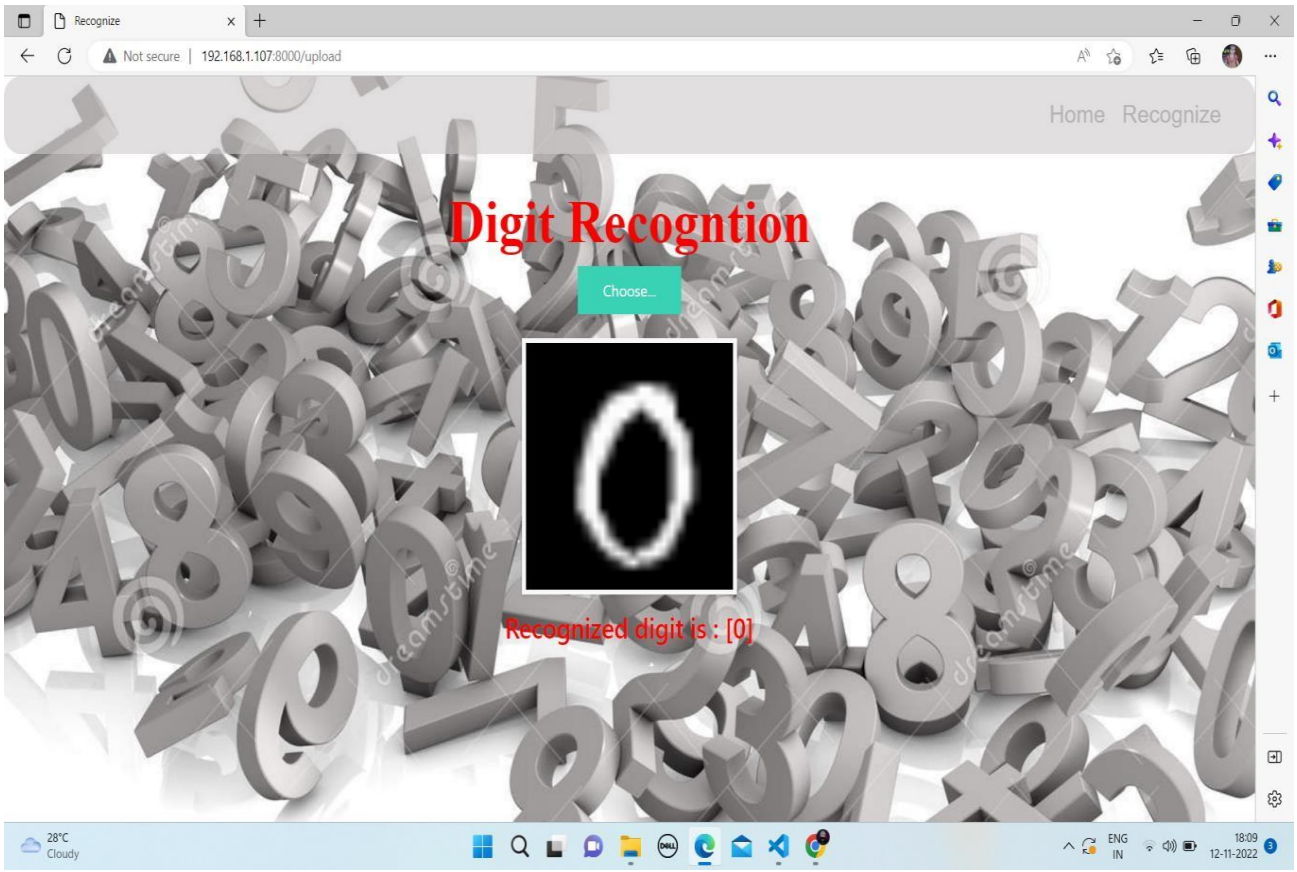
18:09
12-11-2022


Recognize
Not secure | 192.168.1.107:8000/upload
Home Recognize
Digit Recogntion
Choose...
Recognized digit is : [0]
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Cloudy
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12-11-2022