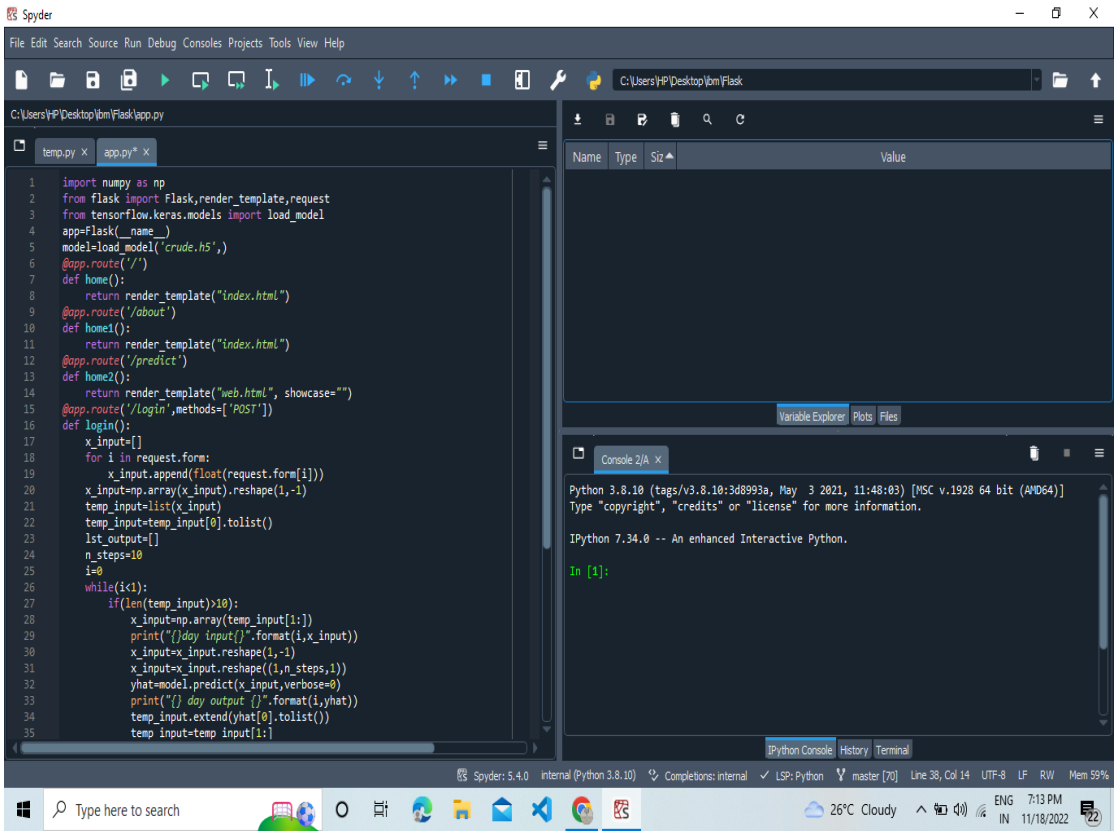
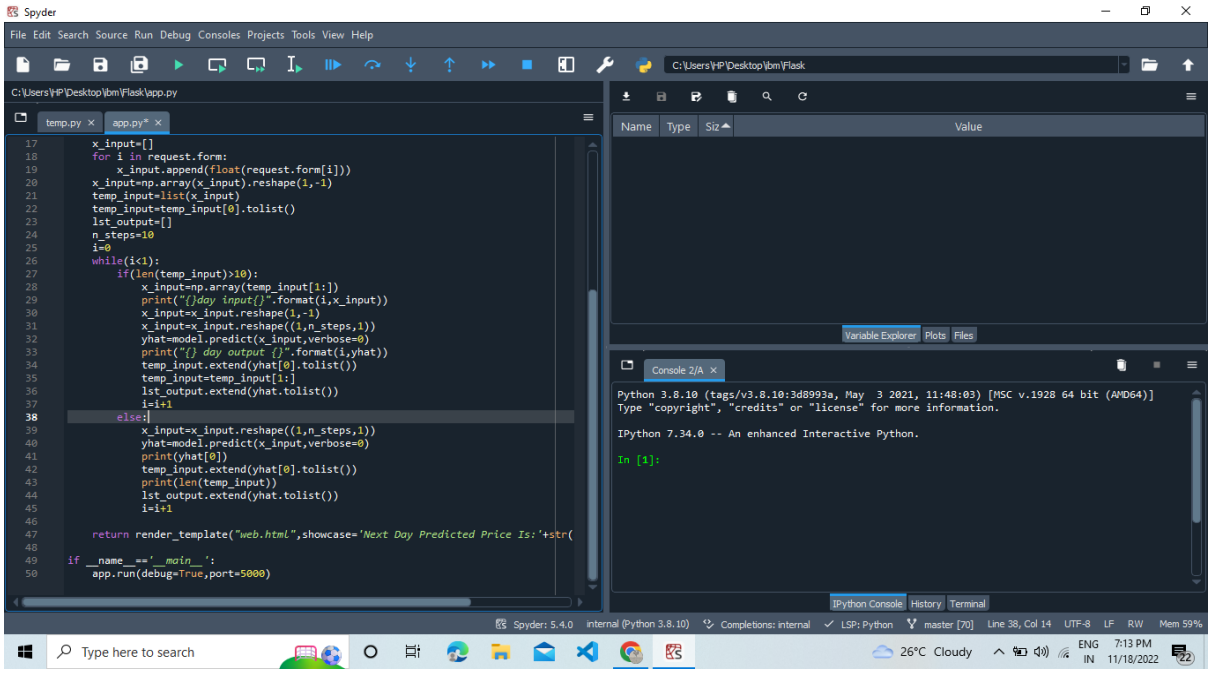
Built Python Code

Team ID	PNT2022TMID13501
Project Name	Crude Oil Price Prediction




Spyder
File Edit Search Source Run Debug Consoles Projects Tools View Help
C:\Users\HP\Desktop\ibm\Flask
C:\Users\HP\Desktop\ibm\Flask\app.py
temp.py
app.py*
x_input=[]
for i in request.form:
x_input.append(float(request.form[i]))
x_input=np.array(x_input).reshape(1,-1)
temp_input=list(x_input)
temp_input=temp_input[0].tolist()
lst_output=[]
n_steps=10
i=0
while(i<1):
if(len(temp_input)>10):
x_input=np.array(temp_input[1:])
print("{}day input{}".format(i,x_input))
x_input=x_input.reshape(1,-1)
x_input=x_input.reshape((1,n_steps,1))
yhat=model.predict(x_input,verbose=0)
print("{} day output {}".format(i,yhat))
temp_input.extend(yhat[0].tolist())
temp_input=temp_input[1:]
lst_output.extend(yhat.tolist())
i=i+1
else:
x_input=x_input.reshape((1,n_steps,1))
yhat=model.predict(x_input,verbose=0)
print(yhat[0])
temp_input.extend(yhat[0].tolist())
print(len(temp_input))
lst_output.extend(yhat.tolist())
i=i+1
return render_template("web.html",showcase='Next Day Predicted Price Is:'+str(
if __name__=='__main__':
app.run(debug=True,port=5000)
Name
Type
Siz
Value
Variable Explorer
Plots
Files
Console 2/A
Python 3.8.10 (tags/v3.8.10:3d8993a, May 3 2021, 11:48:03) [MSC v.1928 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.
IPython 7.34.0 -- An enhanced Interactive Python.
In [1]:
IPython Console
History
Terminal
Spyder: 5.4.0
internal (Python 3.8.10)
Completions: internal
LSP: Python
master [70]
Line 38, Col 14
UTF-8
LF
RW
Mem 59%
Type here to search
26°C Cloudy
ENG
IN
7:13 PM
11/18/2022