Assignment 4: Deployment on Flask

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Batch code:

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Submitted to: Data Glacier

1- Install Flask

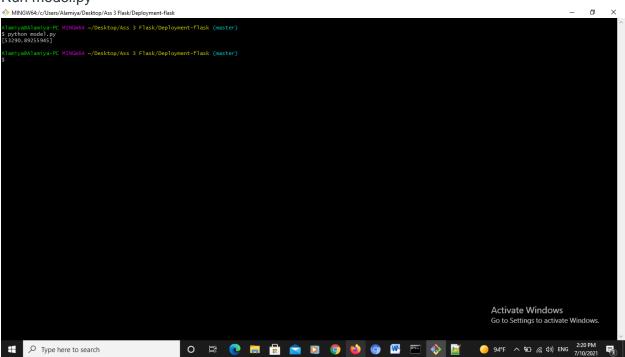
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2- Create model.py which contains model for machine learning code

3- Create app.py which contains Flask APIs

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C:\Users\Alamiya\Desktop\Ass 3 Flask\Deployment-flask\app.py - Notepad++
model.py 🖾 🔚 app.py 🖸
  1 import numpy as np
  2 from flask import Flask, request, jsonify, render_template
3 import pickle
 5 app = Flask( name )
  6 model = pickle.load(open('model.pkl', 'rb'))
 8 @app.route('/')
  9 pdef home():
         return render template('index.html')
 12 @app.route('/predict', methods=['POST'])
 13 pdef predict():
 14
         For rendering results on HTML GUI
 16
 17
         int_features = [int(x) for x in request.form.values()]
 18
         final features = [np.array(int features)]
 19
         prediction = model.predict(final features)
                                Python file
```

- 4- Create HTML page using default index, write what you want to display.
- 5- Run model.py



6- Run App.py

Copy and paste http://127.0.0.1:5000/ in web browser