Assignment 7

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| **Batch** | P9 |
| **Problem Statement** | To develop Microservices framework based distributed application. |

**Code**

from flask import Flask, jsonify, request

app = Flask(\_\_name\_\_)

num\_win = 0

num\_loss = 0

num\_tie = 0

@app.route('/help', methods = ['GET'])

def help():

    return jsonify({'Routes available': [{'name': 'addwin', 'method': 'POST'},{'name': 'addloss', 'method': 'POST'}, {'name': 'addtie', 'method': 'POST'}, {'name': 'score', 'method': 'GET'}]})

@app.route('/addwin', methods = ['POST'])

def addwin():

    global num\_win

    num\_win+=1

    return jsonify({'Win Count': num\_win})

@app.route('/addloss', methods = ['POST'])

def addloss():

    global num\_loss

    num\_loss+=1

    return jsonify({'Loss Count': num\_loss})

@app.route('/addtie', methods = ['POST'])

def addtie():

    global num\_tie

    num\_tie+=1

    return jsonify({'Tie Count': num\_tie})

@app.route('/score', methods = ['GET'])

def score():

    return jsonify({'Win': num\_win, 'Loss': num\_loss, 'Tie': num\_tie})

# driver function

if \_\_name\_\_ == '\_\_main\_\_':

    app.run(debug = True)

**Output**









