IMPLEMENTING WEB APPLICATION

CREATE API's IN FLASK

Date	29 OCT 2022
Team ID	PNT2022TMID50559
Project Name	CONTAINMENT ZONE ALERTING APPLICATION
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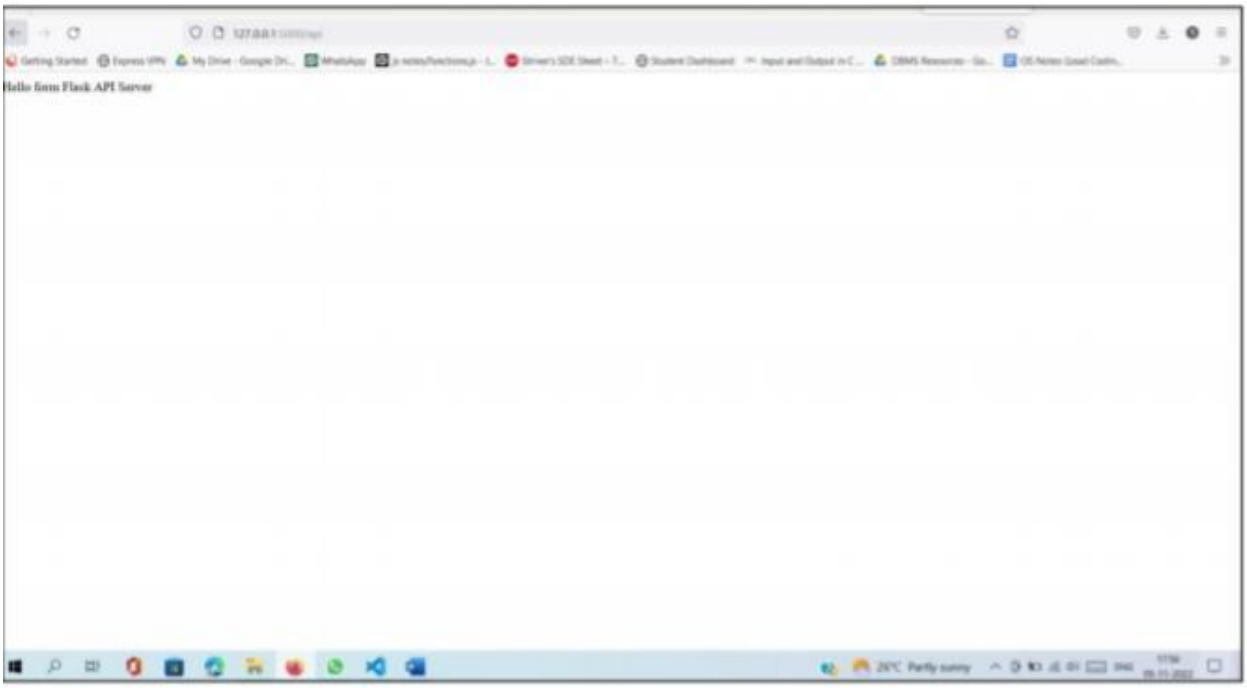
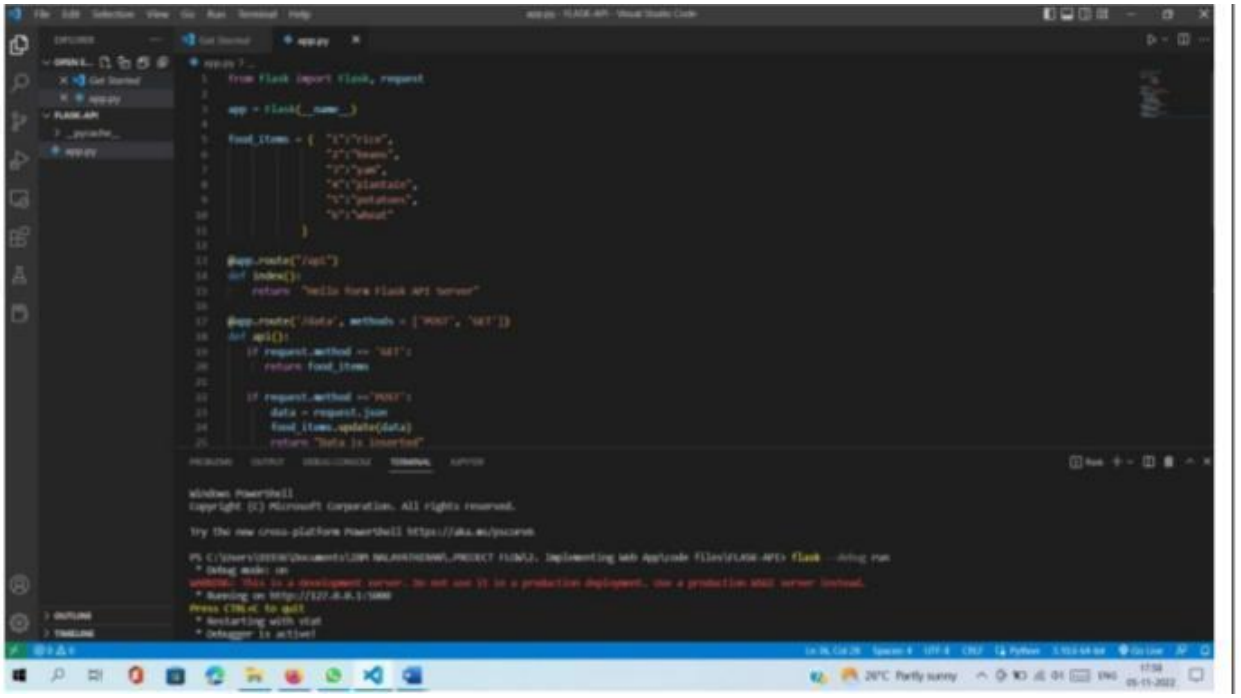
flask.py

```
from flask import Flask, request

        app = Flask(__name__)

        food_items = {  "1":"rice",

                "2":"beans",

                "3":"yam",

                "4":"plantain",

                "5":"potatoes",

                "6":"wheat"

              }

        @app.route("/api")

        def index():

           return  "Hello form Flask API Server"

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

        def api():

          if request.method == 'GET':

             return food_items
```

```
 if request.method =='POST':
      data = request.json
      food_items.update(data)
      return "Data is inserted"
@app.route("/data/<id>", methods=["PUT"])
def update(id):
   data = request.form['item']
   food_items[str(id)]=data
   return "Data updated"
@app.route("/data/<id>", methods=["DELETE"])
def delete(id):
   food_items.pop(str(id))
   return "Data Deleted
```

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app = Flask(__name__)
food_items = {
"1":"rice",
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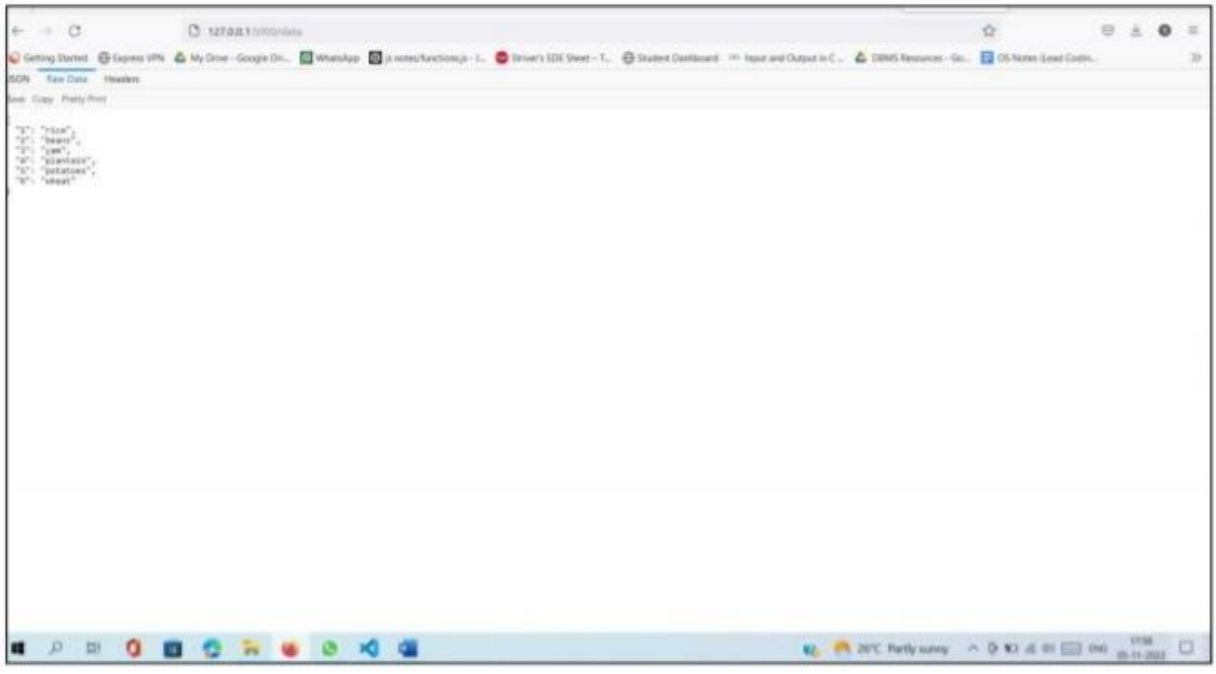
"3":"yam",
"4":"plantain",
"5":"potatoes",
"6":"wheat"
}
@app.route("/api")
def index():
return "Hello form Flask API server"
@app.route('/data', methods = ['POST', 'GET'])
def api():
if request.method == 'GET':
return food_items
if request.method =='POST':
data = request.json
food_items.update(data)
return "Data is inserted"
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/pscore6
* Debug mode: on
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!


127.0.0.1:5000/data
Getting Started
Express VPN
My Drive - Google Dri...
WhatsApp
Student Dashboard
Input and Output in C ...
DBMS Resources - Go...
OS Notes (Load Custo...
JSON
Raw Data
Headers
Save
Copy
Pretty Print
{
"1": "rice",
"2": "beans",
"3": "yam",
"4": "plantain",
"5": "potatoes",
"6": "wheat"
}