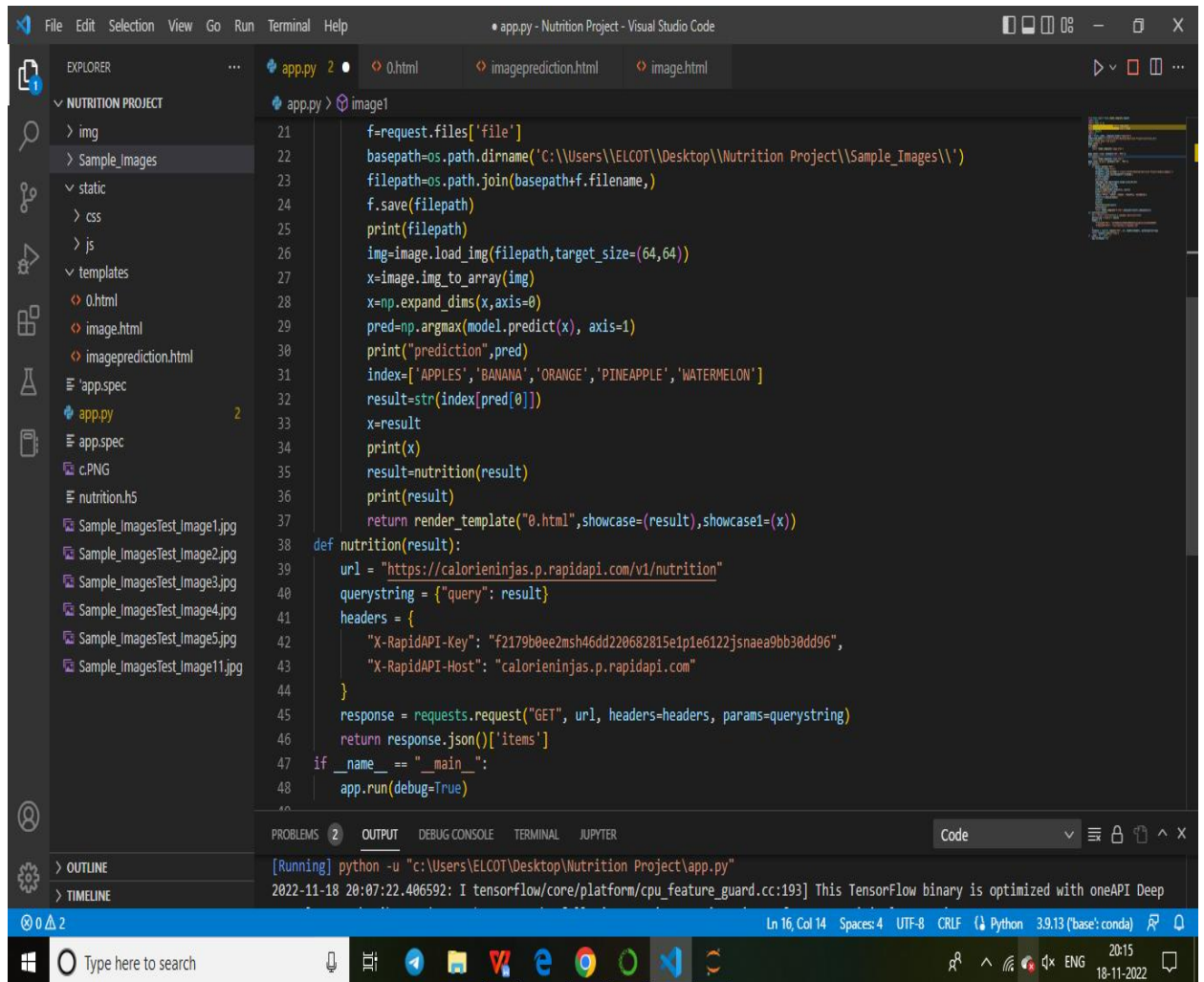


# ROUTING TO THE HTML PAGE

**TEAM ID** : PNT2022TMID10679

**PROJECT NAME** : AI-Powered Nutrition Analyzer for fitness enthusiasts



```
File Edit Selection View Go Run Terminal Help
• app.py - Nutrition Project - Visual Studio Code

EXPLORER
NUTRITION PROJECT
  > img
  > Sample_Images
  > static
  > css
  > js
  > templates
    0.html
    image.html
    imageprediction.html
  app.spec
  app.py
  app.spec
  c.PNG
  nutrition.h5
  Sample_ImagesTest_Image1.jpg
  Sample_ImagesTest_Image2.jpg
  Sample_ImagesTest_Image3.jpg
  Sample_ImagesTest_Image4.jpg
  Sample_ImagesTest_Image5.jpg
  Sample_ImagesTest_Image11.jpg

app.py
21 f=request.files['file']
22 basepath=os.path.dirname('C:\\Users\\ELCOT\\Desktop\\Nutrition Project\\Sample_Images\\')
23 filepath=os.path.join(basepath+f.filename,)
24 f.save(filepath)
25 print(filepath)
26 img=image.load_img(filepath,target_size=(64,64))
27 x=image.img_to_array(img)
28 x=np.expand_dims(x,axis=0)
29 pred=np.argmax(model.predict(x), axis=1)
30 print("prediction",pred)
31 index=['APPLES','BANANA','ORANGE','PINEAPPLE','WATERMELON']
32 result=str(index[pred[0]])
33 x=result
34 print(x)
35 result=nutrition(result)
36 print(result)
37 return render_template("0.html",showcase=(result),showcase1=(x))
38
39 def nutrition(result):
40     url = "https://calorieninjas.p.rapidapi.com/v1/nutrition"
41     querystring = {"query": result}
42     headers = {
43         "X-RapidAPI-Key": "f2179b0ee2msh46dd220682815e1p1e6122jsnaea9bb30dd96",
44         "X-RapidAPI-Host": "calorieninjas.p.rapidapi.com"
45     }
46     response = requests.request("GET", url, headers=headers, params=querystring)
47     return response.json()['items']
48
49 if __name__ == "__main__":
50     app.run(debug=True)
```

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL JUPYTER Code

[Running] python -u "c:\Users\ELCOT\Desktop\Nutrition Project\app.py"

2022-11-18 20:07:22.406592: I tensorflow/core/platform/cpu\_feature\_guard.cc:193] This TensorFlow binary is optimized with oneAPI Deep

Ln 16, Col 14 Spaces: 4 UTF-8 CRLF Python 3.9.13 (base: conda)

