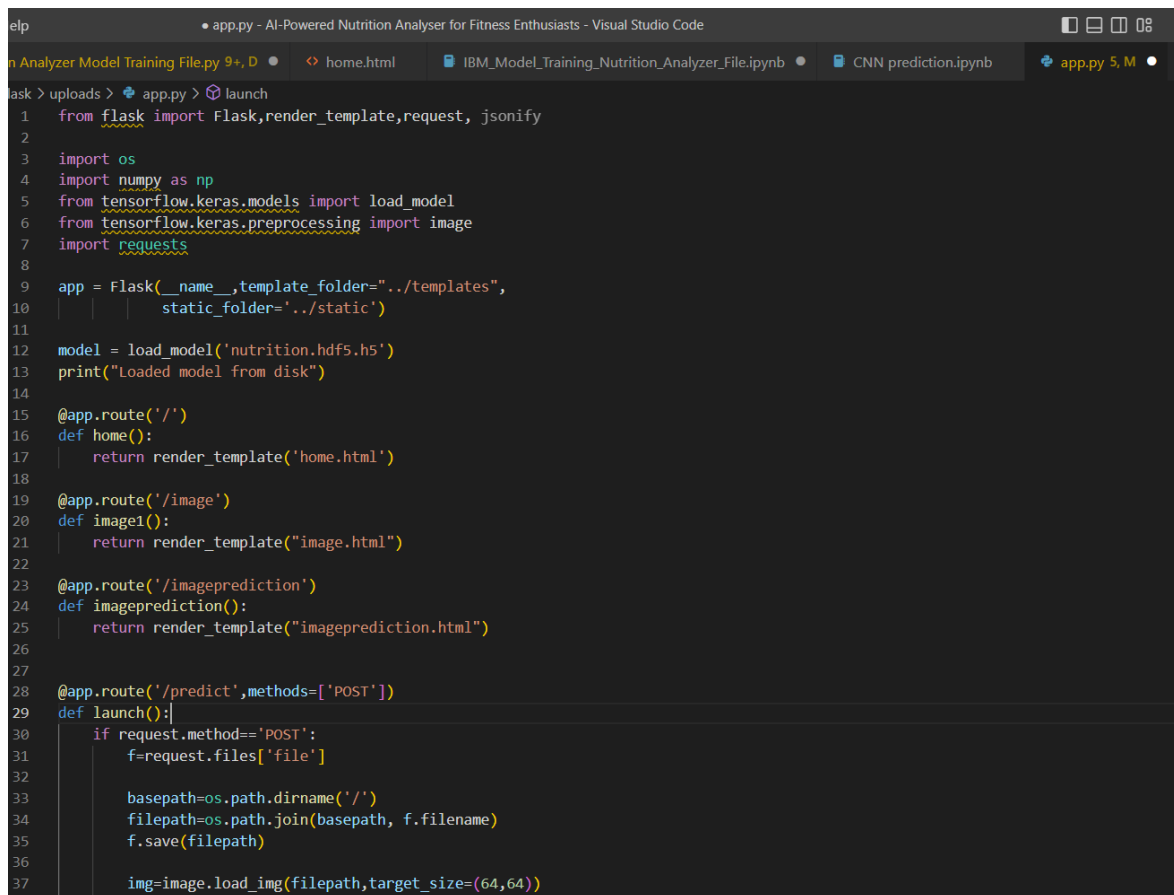


TEAM ID: PNT2022TMID46445

## Creating Our Flask Application and Loading Our Model By Using Load\_model Method:

```
app = Flask(__name__,template_folder="templates") # initializing a flask app
# Loading the model
model=load_model('nutrition.h5')
print("Loaded model from disk")
```

SCREENSHOT:



```
elp • app.py - AI-Powered Nutrition Analyser for Fitness Enthusiasts - Visual Studio Code
n Analyzer Model Training File.py 9+, D • home.html IBM_Model_Training_Nutrition_Analyzer_File.ipynb CNN prediction.ipynb app.py 5, M •
ask > uploads > app.py > launch
1 from flask import Flask,render_template,request, jsonify
2
3 import os
4 import numpy as np
5 from tensorflow.keras.models import load_model
6 from tensorflow.keras.preprocessing import image
7 import requests
8
9 app = Flask(__name__,template_folder='../templates',
10           static_folder='../static')
11
12 model = load_model('nutrition.hdf5.h5')
13 print("Loaded model from disk")
14
15 @app.route('/')
16 def home():
17     return render_template('home.html')
18
19 @app.route('/image')
20 def image1():
21     return render_template("image.html")
22
23 @app.route('/imageprediction')
24 def imageprediction():
25     return render_template("imageprediction.html")
26
27
28 @app.route('/predict',methods=['POST'])
29 def launch():
30     if request.method=='POST':
31         f=request.files['file']
32
33         basepath=os.path.dirname('/')
34         filepath=os.path.join(basepath, f.filename)
35         f.save(filepath)
36
37         img=image.load_img(filepath,target_size=(64,64))
```