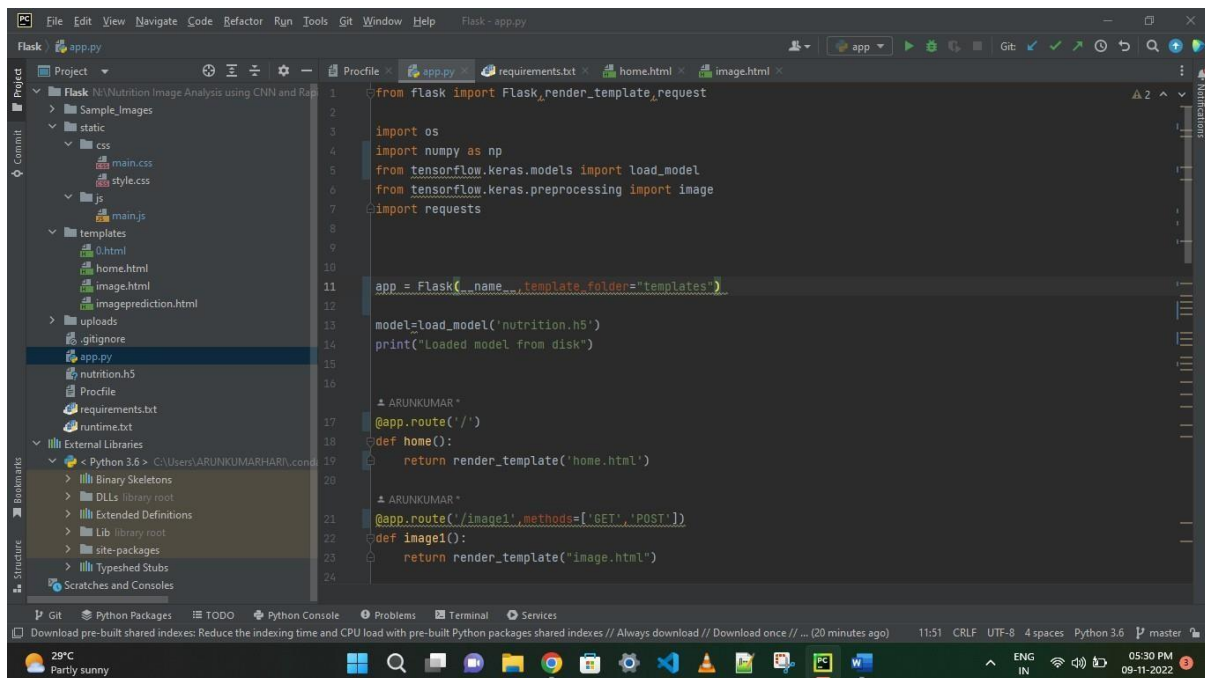


TEAM ID : PNT2022TMID39014

PROJECT NAME : AI-powered Nutrition Analyzer for Fitness Enthusiasts

Creating Our Flask Application And Loading Our Model By Using Load_model Method

Creating our flask application and loading our model by using the load_model method



The screenshot shows a Visual Studio Code editor with a Python project named 'Flask - app.py'. The project structure on the left includes a 'static' folder with 'css' and 'js' subfolders, a 'templates' folder with '0.html', 'home.html', 'image.html', and 'imageprediction.html', and an 'uploads' folder. The main code file 'app.py' is open in the editor, showing the following code:

```
1 from flask import Flask, render_template, request
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
10
11 app = Flask(__name__, template_folder='templates')
12
13 model=load_model('nutrition.h5')
14 print("Loaded model from disk")
15
16
17 # ARUNKUMAR*
18 @app.route('/')
19 def home():
20     return render_template('home.html')
21
22 # ARUNKUMAR*
23 @app.route('/image1', methods=['GET', 'POST'])
24 def image1():
25     return render_template("image.html")
```

The bottom status bar shows the file encoding as UTF-8, 4 spaces, Python 3.6, and the master branch. The system tray at the bottom indicates a temperature of 29°C, partly sunny weather, and the date 09-11-2022.