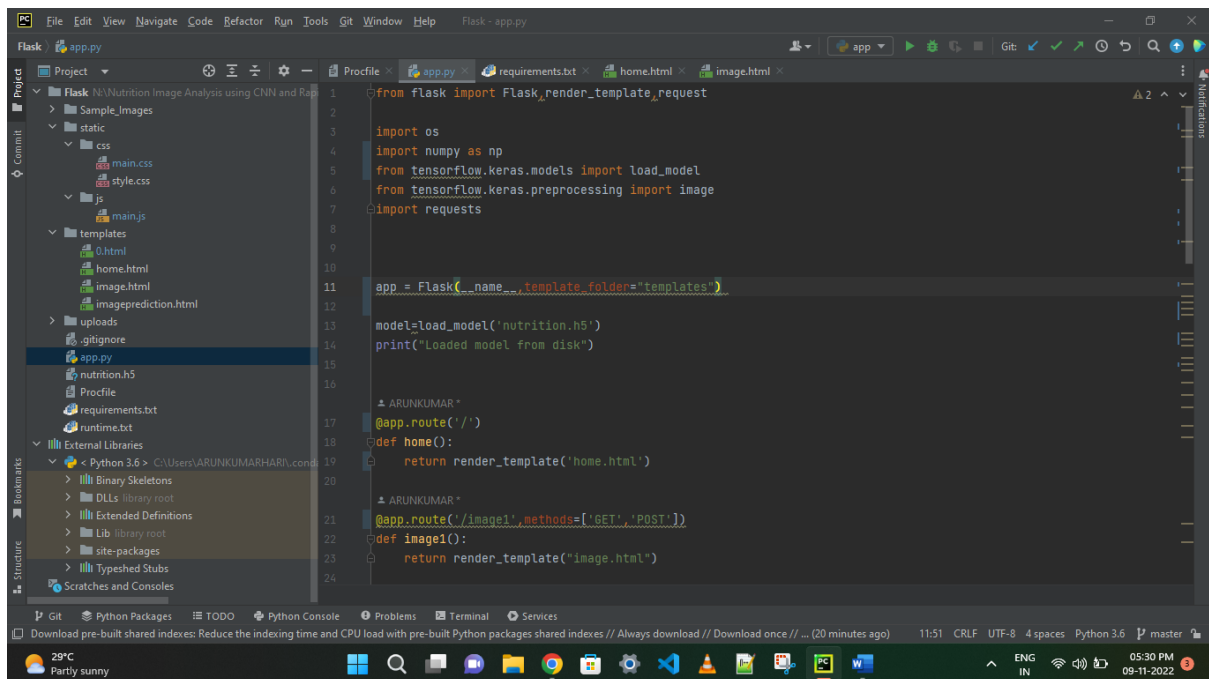


TEAM ID :PNT2022TMID18332

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 project named 'Flask - app.py'. The file explorer on the left shows a project structure with folders for 'static' (containing 'css' and 'js') and 'templates' (containing 'home.html', 'image.html', and 'imageprediction.html'). The main editor displays the code for 'app.py', which imports Flask, render_template, request, os, numpy, load_model, image, and requests. The code initializes a Flask app with the template folder set to 'templates', loads a model named 'nutrition.h5', and prints a message. It also defines two routes: a home route that renders 'home.html' and an image1 route that renders 'image.html'.

```
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")
```