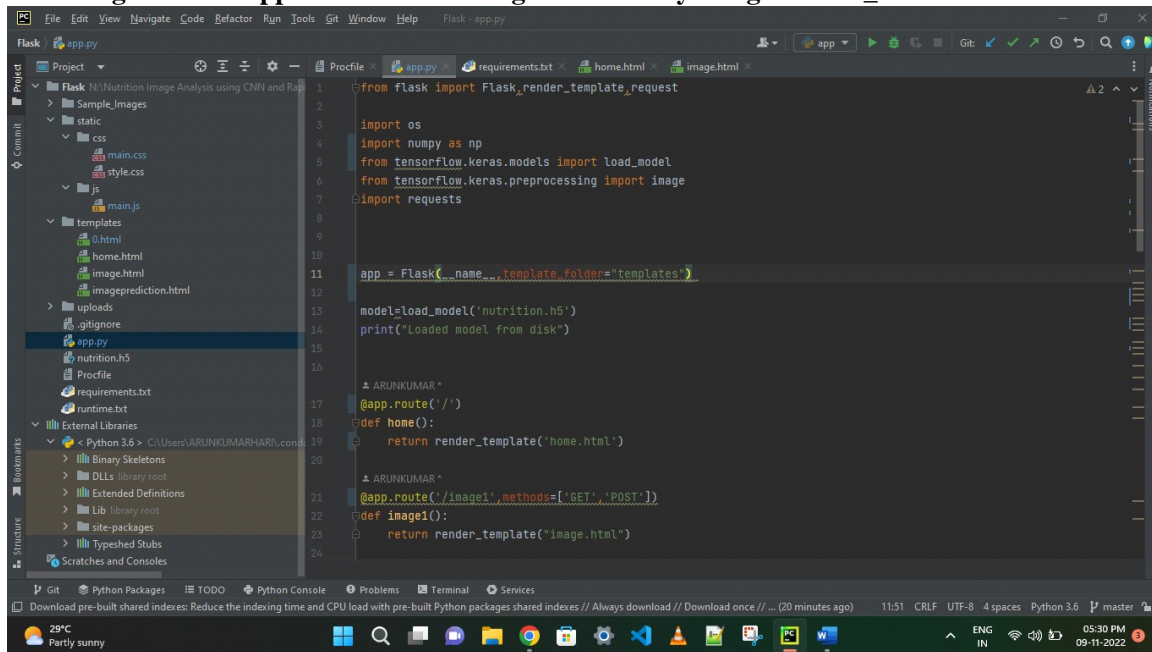


TEAM ID :PNT2022PMID16515

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 'Sample_Images', 'static' (containing 'css' and 'js'), 'templates' (containing '0.html', 'home.html', 'image.html', and 'imageprediction.html'), and 'uploads'. The main editor displays the code for 'app.py', which imports Flask, Flask-render-template, request, os, numpy, tensorflow.keras.models (load_model), tensorflow.keras.preprocessing (image), and requests. The code initializes a Flask app with the template folder set to 'templates', loads a model named 'nutrition.h5', and defines two routes: a home route that renders 'home.html' and an image1 route that renders 'image.html'. The status bar at the bottom indicates the Python version is 3.6 and the file is on the master branch.

```
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")
```