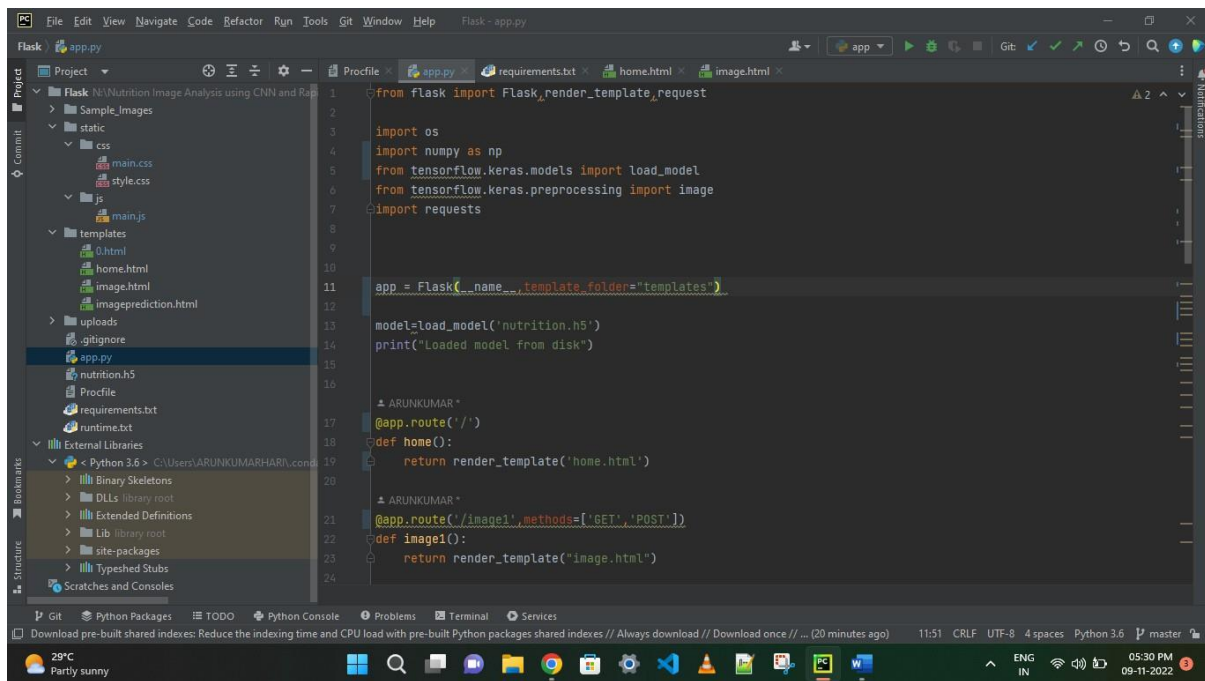


TEAM ID :PNT2022TMID16369

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 window with a project named 'Flask - app.py'. The left sidebar displays the project structure, including folders for 'static' (css, js), 'templates', and 'uploads', along with files like 'app.py', 'nutrition.h5', 'requirements.txt', and 'runtime.txt'. The main editor area shows the code for 'app.py'.

```
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 # ARUNKUMAR *
17 @app.route('/')
18 def home():
19     return render_template('home.html')
20
21 # ARUNKUMAR *
22 @app.route('/image1', methods=['GET', 'POST'])
23 def image1():
24     return render_template("image.html")
```

The bottom status bar indicates the current environment is Python 3.6, and the file encoding is UTF-8. The system tray at the bottom shows the date and time as 05:30 PM on 09-11-2022.