

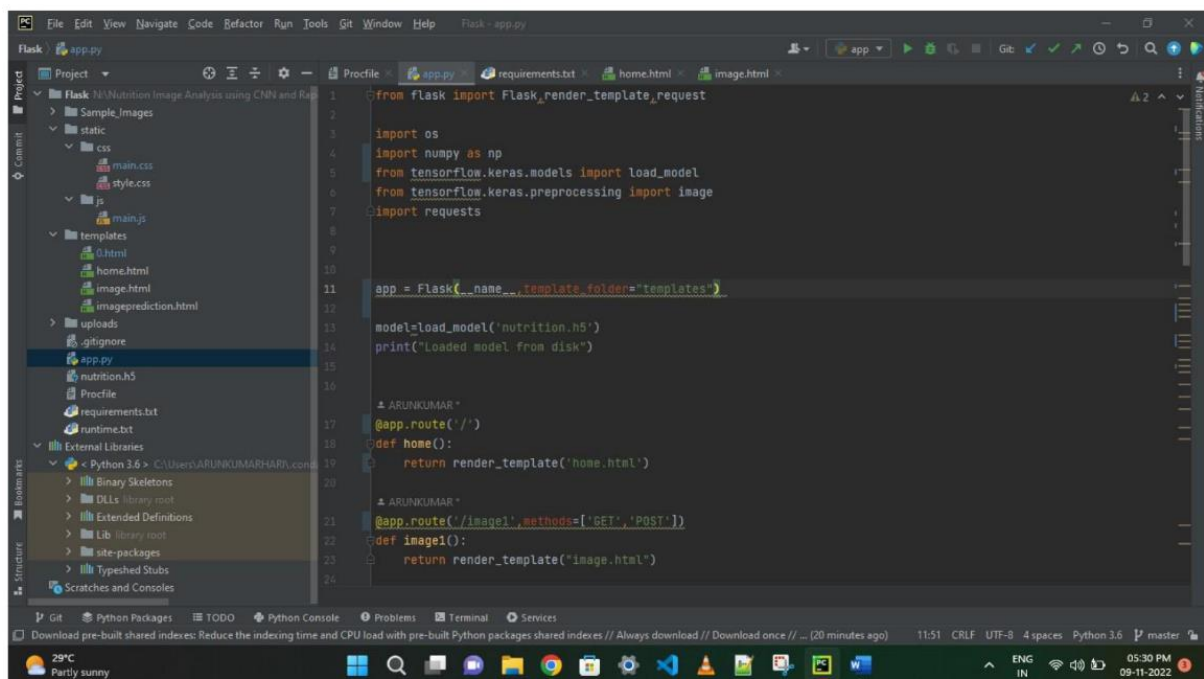
Build Python Code

Team ID: PNT2022TMID44046

Project Name: AI-powered Nutrition Analyzer for Fitness Enthusiasts

Python Code:

The first step is usually importing the libraries that will be needed in the program.



```
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")
```

Importing the flask module into the project is mandatory. An object of the Flask class is our WSGI application. Flask constructor takes the name of the current module (name) as an argument Pickle library to load the model file.