

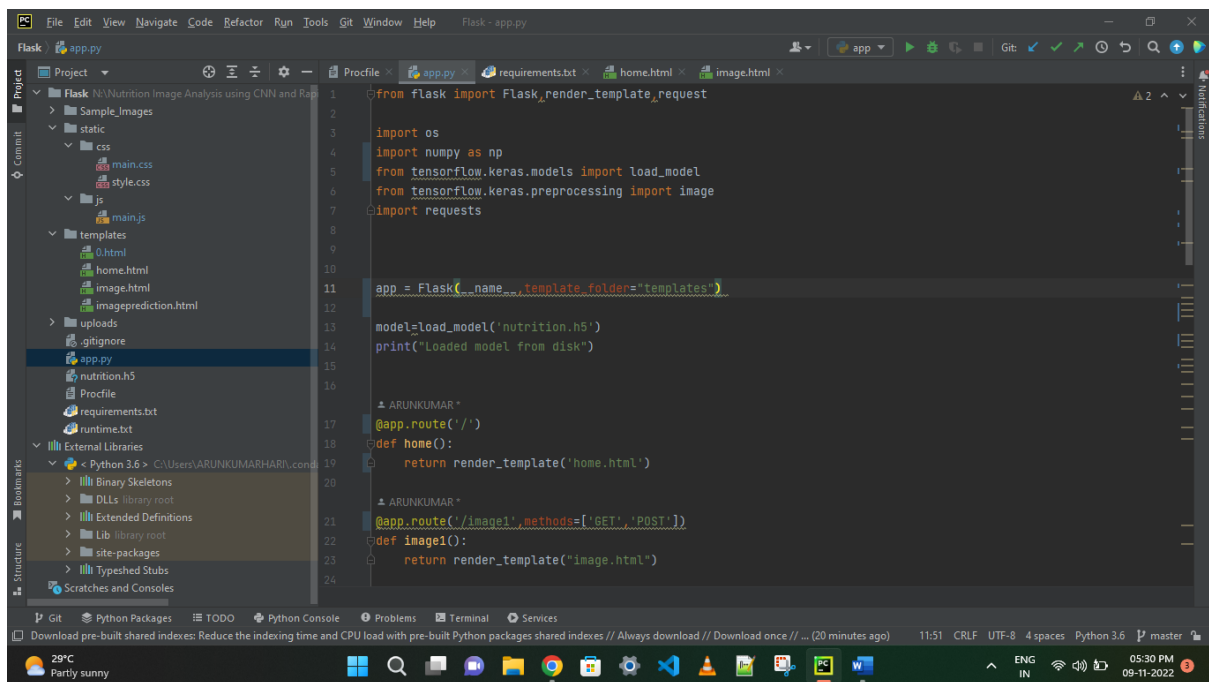
PROJECT ID: PNT2022TMID02000

PROJECT NAME : AI-powered Nutrition Analyzer for Fitness Enthusiasts

Build Python Code

Importing Libraries

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
18 @app.route('/')
19 def home():
20     return render_template('home.html')
21
22
23
24 @app.route('/image1', methods=['GET', 'POST'])
25 def image1():
26     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.