

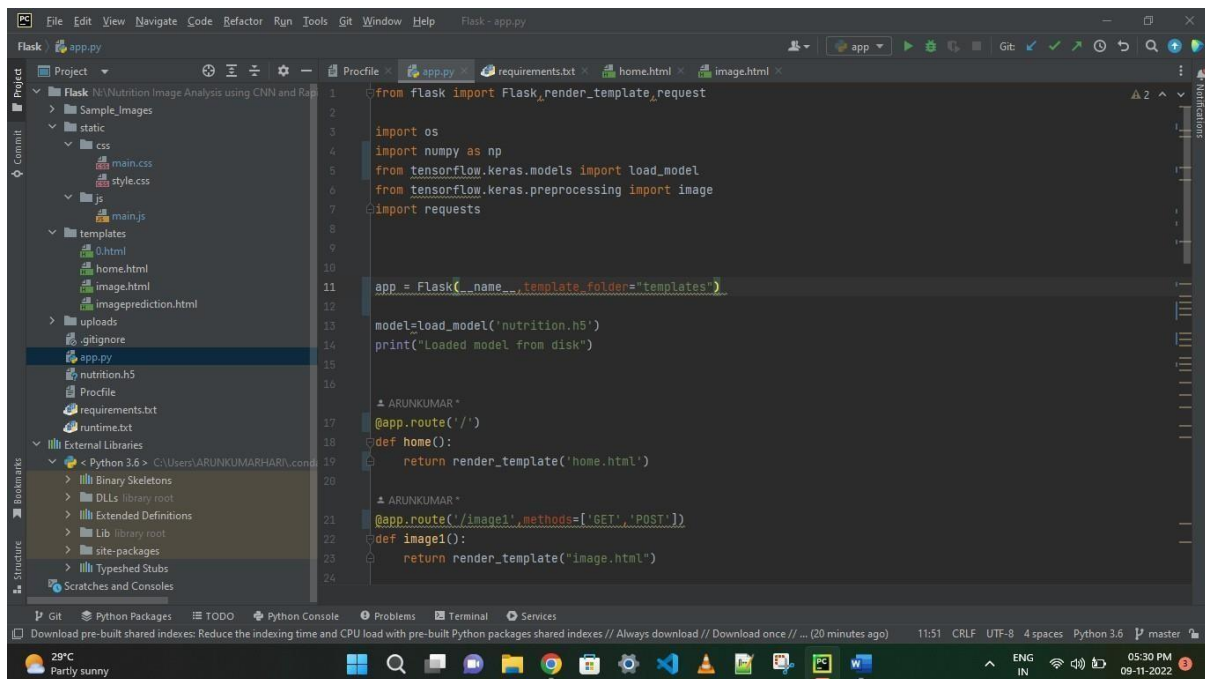
**TEAM ID : PNT2022TMID12147**

**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.

A screenshot of a code editor window titled 'Flask - app.py'. The editor shows the following Python code:

```
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")
```

The left sidebar shows a project structure with folders like 'static', 'css', 'js', 'templates', and 'uploads'. The bottom status bar shows 'Python 3.6' and 'master'.

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.