AI-powered Nutrition Analyzer for Fitness Enthusiasts

Team Id :	PNT2022TMID01162
Domain 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.

```
from flask import Flask,render_template,request
# Flask-It is our framework which we are going to use to run/serve our application.
#request-for accessing file which was uploaded by the user on our application.
import os
import numpy as np #used for numerical analysis
from tensorflow.keras.models import load_model#to load our trained model
from tensorflow.keras.preprocessing import image
import requests
```

✦ 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.