Build Python Code

Team Id	PNT2022TMID05585
Project Name	AI-POWERED NUTRITION ANALYZER FOR FITNESS ENTHUSIASTS
Maximum Marks	4 MARKS

Importing Libraries

- Initially, we need to import the libraries that is needed for the program.
- Flask is a lightweight WSGI web application framework. It is designed to make getting started quick and easy, with the ability to scale up to complex applications.
- It began as a simple wrapper around Werkzeug and Jinja and has become one of the most popular Python web application frameworks.
- We need to import the flask module in the project which is the mandatory step in this project.
- Flask constructor takes the name of the current module as an argument Pickle library to load the model file.

PYTHON CODE:

```
app = Flask(__name__,template_folder="templates") # initializing a flask app
# Loading the model
model=load_model('nutrition.h5')
print("Loaded model from disk")
```

```
from flask import Flask,render_template,request
import os
import numpy as np
from tensorflow.keras.models import load_model
from tensorflow.keras.preprocessing import image
import requests
```