

Build Python Code

Assignment Date	15 November 2022
Team ID	PNT2022TMID14061
Project Name	AI-Powered Nutrition Analyzer for Fitness Enthusiasts

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

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.

```
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
```