

Build Python Code

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| Date | 18 November 2022 |
| Team Id | PNT2022TMID53466 |
| Project Name | AI-POWERED NUTRITION ANALYZER FOR FITNESS ENTHUSIASTS |
| Maximum Marks | 4 MARKS |

Importing Libraries

Importing the libraries that the program will require typically comes first.

The flask module must be imported into the project. Our WSGI application is a Flask class object. The current module's name (name) is passed as a parameter to the Flask function Object() { [native code] }, which uses the 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
```