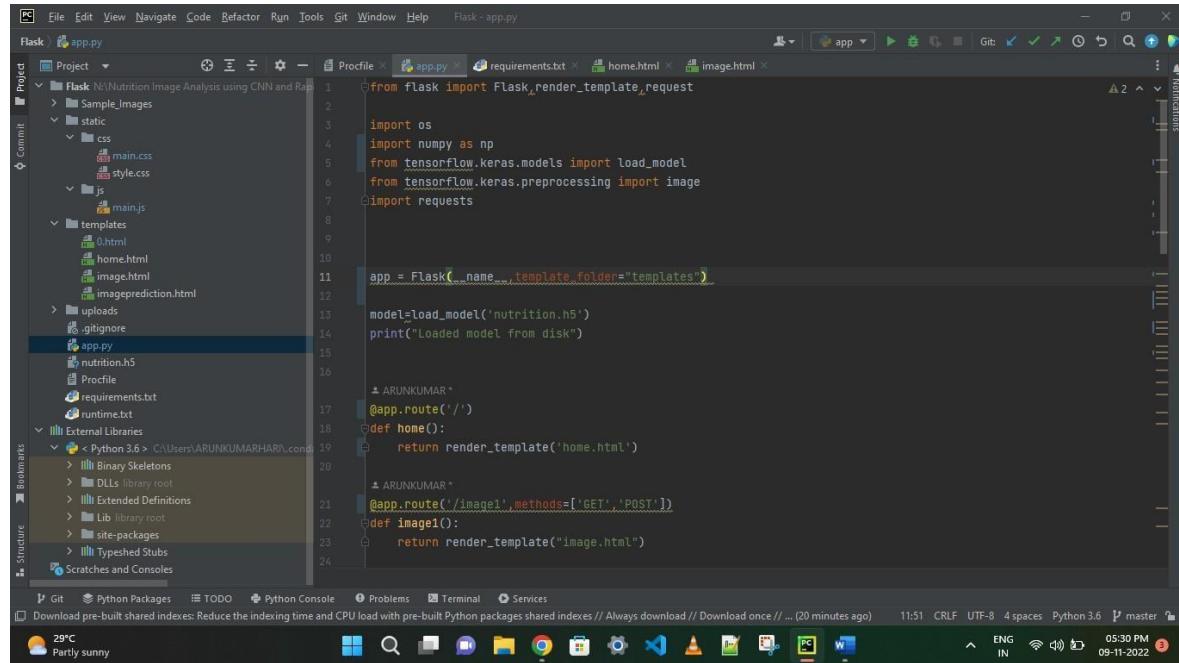


TEAM ID : PNT2022TMID00751

PROJECT NAME : AI-powered Nutrition Analyzer for Fitness Enthusiasts

Creating Our Flask Application And Loading Our Model By Using Load_model Method

Creating our flask application and loading our model by using the load_model method



The screenshot shows the PyCharm IDE interface with the following details:

- Project Structure:** The project is named "Flask NINutrition Image Analysis using CNN and Rap". It contains several folders: "Sample_Images", "static" (with "css" and "js" subfolders), "templates" (with "0.html", "home.html", "image.html", and "imageprediction.html"), "uploads", ".gitignore", "app.py", "nutrition.h5", "Profile", "requirements.txt", and "runtime.txt".
- Code Editor:** The file "app.py" is open, showing Python code for a Flask application. The code imports Flask, render_template, requests, os, numpy, tensorflow.keras.models, tensorflow.keras.preprocessing.image, and tensorflow.keras.preprocessing.image.
- Code Content:**

```
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

app = Flask(__name__,template_folder="templates")

model=load_model('nutrition.h5')
print("Loaded model from disk")

@app.route('/')
def home():
    return render_template('home.html')

@app.route('/image1',methods=['GET','POST'])
def image1():
    return render_template("image.html")
```
- Toolbars and Status Bar:** The status bar at the bottom shows the current weather (28°C, Partly sunny), system icons, and the date/time (05:30 PM, 09-11-2022).