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**Subject:** PROGRAMMING FOR ARTIFICIAL INTELLIGENCE(LAB)

**TASK NO:** TASK # 7

**Overview:**

This script is a simple Flask web application that integrates with the NASA Astronomy Picture of the Day (APOD) API. It retrieves data from the API for a specific date and renders it in a HTML template. Additionally, it provides a sample route that displays a static list of names.

**What this file does:**

This is a flask web app that:

* Connects to NASA’s Astronomy Picture of the day (APOD) API.
* Shows the result on a web page.
* Has another route that just shows a simple list of means.

**What you need:**

* Python
* Flask
* Request
* Main

**Possible Improvements:**

* Make the data dynamic (via query parameter of form input)
* Add error handling (e.g. invalid API response, missing API key).
* Secure the API key (move to environment variables instead of hardcoding).
* Expand /display to return JSON with metadata.