MASTERING PYTHON: FROM BASICS TO ADVANCED

Name: G Komala

Class: MCA Sec "A"

Topic: CUSTOM MODULE PROJECT

1. Name of Project:-
   List of holiday on calender

2. Work of the project:-

   Created a Custom Module:

- We created a new Python file named holidays_2024.py.

- This file defines a class Holidays2024 that contains a list of holidays for the year 2024.

- We added methods to:

  - Check if a date is a holiday (is_holiday).

  - Get the name of the holiday for a given date (get_holiday).

  - Retrieve all holidays in a specified month (get_holidays_in_month).

3. what is the future use of this project:-

   Integration with Larger Applications

- **Calendars and Scheduling Apps**: You can integrate this module into calendar applications to automatically highlight holidays for better scheduling and planning.

   Enhanced Features

- **Regional Holidays**: Expand the module to include holidays specific to different regions, states, or countries.

4. possible development of this project:-

   Expanded Holiday Database

- **Global Holidays**: Expand the database to include holidays from various countries and regions around the world.

- **User-Defined Holidays**: Allow users to add their own holidays or special dates, which can be saved and accessed later.

https://github.com/komalareddy123/custom-module.git