

Tutorial 11

ECSE103L

Write a program in python

Step 1-

for creating a class called Holiday. An object of class Holiday represents a holiday during the year.

This class has three instance variables:

- name, which is a String representing the name of the holiday
 - day, which is an int representing the day of the month of the holiday
 - month, which is a String representing the month the holiday
- a) Write an init for the class Holiday, which takes a String representing the name, an int representing the day, and a String representing the month as its arguments, and sets the class variables to these values.

Step 2 - Create a Class HolidayCalendar.

This class has one instance variable 'holidaylist' list to store all the holidays.

- a) Write an init method to initialize the list of holidays
- b) Write a method to add holiday in the list, named as add_holiday() //pass object of Holiday
- c) Write a method to get number of holiday in the holiday calendar, named as total_holiday()
- d) Write a method to print all holidays, named as All_holiday()
- e) Write a method to list all the holiday in a specific month send by the user, named as month_holiday(<month>)
- f) Write a method to list all the holiday for all the given months, named as allmonth_holiday(<month1>,<month2>,<month3>...)