

Assignment # 5

Task 1:

- a) Write a function that takes two dates as input one date of birth second it should ask for current date or date of death and should output the age of that person whose dates were given.
- i) Make the following helping functions:
- 1) IsValidDate(day,month,year)
 - 2) IsGreaterEqual(dod,mod,yod,dob,mob,yob)
 - 3) DaysInAMonth(month,year)

Sample Input	Sample Output
Date of Birth: Day: 22 Month: 07 Year: 2002 Date of Death/Current Date: Day: 21 Month: 07 Year: 2024	The age is 21 years, 11 months and 30 days

- b) If we input the date of death 01-02-2019
And date of birth 31-08-1982
- Calculate this on paper first see why its answer is wrong(negative) and what changes should be made to the code to correct that error
 - Correct your code to get the right answer
- c) Make the correct calculations for leap years:
- i) Every fourth year is a leap year
 - ii) Every hundredth year is not a leap year
 - iii) Every four-hundredth year is a leap year
- d) Now make a new function of isValidDateOneLiner(day,month,year) **Note:** Don't delete the older one

Hacker above other Hackers' Challenge 🤖🤖🤖:

Make a day calculator that takes in a date and tells the day on that day

Task (Let's make life easy):

After completing the first 2 tasks, make an overall menu based program. The user should be able to run any of the 2 Tasks using this menu driven program. First the program displays the menu then takes the choice as input and runs the desired Task.

Good luck

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Happy Coding