Find the difference between two dates.

CODE:

from datetime import datetime

from dateutil import relativedelta

# Get two dates from the user

d1 = input("Enter the first date (dd/mm/yyyy): ")

d2 = input("Enter the second date (dd/mm/yyyy): ")

# convert string to date object

start\_date = datetime.strptime(d1, "%d/%m/%Y")

end\_date = datetime.strptime(d2, "%d/%m/%Y")

# Get the relativedelta between two dates

delta = relativedelta.relativedelta(end\_date, start\_date)

print('Years, Months, Days between two dates is')

print(delta.years, 'Years,', delta.months, 'months,', delta.days, 'days')

d3 = d1.split('/')

d4 = d2.split('/')

BY = int(d3[2])

JY = int(d4[2])

if delta.years >= 19 and BY % 4 == 0:

print("You are a lucky adult")

elif delta.years < 19:

print("You are aspiring to become an adult")

if BY % 4 == 0:

print("Birth year is a leap year")

else:

print("Birth year is not a leap year")

if JY % 4 == 0:

print("Joining year is a leap year")

else:

print("Joining year is not a leap year")

OUTPUT:

Enter the first date (dd/mm/yyyy): 17/7/1980

Enter the second date (dd/mm/yyyy): 16/3/2007

Years, Months, Days between two dates is

26 Years, 7 months, 27 days

You are a lucky adult

Birth year is a leap year

Joining year is not a leap year

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