Lab Exercise – 7

1: Subtract a week (7 days) from a given date in Python

2: Add week (7 days) and 12 hours to a given date

Given:

2020-03-22 10:00:00

given_date = datetime(2020, 3, 22, 10, 0, 0)

Expected output:

2020-03-29 22:00:00

3: Print ten dates, each two a week apart, starting from today, in the form YYYY-MM-DD.

4: Calculate number of days between two given dates

Given:

2020-02-25

date_1 = datetime(2020, 2, 25)

2020-09-17

date_2 = datetime(2020, 9, 17)

Expected output:

205 days

5: Write a Python script to display the

a) Current date and time

b) Current year in full

c) Month of year full name

d) Weekday of the week

e) Day of year

f) Day of the month

g) Day of week in full name

6: Python program to convert a string to datetime:

'Jul 1 2016 2:43AM' into **2016-07-01 02:43:00**

7: Python program to convert Year/Month/Day to Day of Year.