Home Work - Day 14

Python Date and Time

1. Print current date and time in Python

2. Convert string into a datetime object

For example, you received the following date in string format. Please convert it into Python's DateTime object.

Given: date_string = "Feb 25 2020 4:20PM"

Expected output: 2020-02-25 16:20:00

3. Subtract a week (7 days) from a given date in Python

Given: given_date = datetime(2020, 2, 25)

Expected output: 2020-02-18

4. Print a date in the following format: Day_name Day_number Month_name Year

Given: given_date = datetime(2020, 2, 25)

Expected output: Tuesday 25 February 2020

5. Find the day of the week of a given date

Given: given_date = datetime(2020, 7, 26)

Expected output: Sunday

6. Add a 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

7. Print current time in milliseconds

8. Convert the following datetime into a string

Given: given_date = datetime(2020, 2, 25)

Expected output: "2020-02-25 00:00:00"

9. Calculate the date 4 months from the current date

Given:

```
# 2020-02-25
given_date = datetime(2020, 2, 25).date()
```

Expected output: 2020-06-25

10. 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