***Day 25 task***

### 1. Write a Python program to convert a string to datetime

**import** **datetime**

**def** convert(date\_time):

format = '%b **%d** %Y %I:%M%p' *# The format*

datetime\_str = datetime.datetime.strptime(date\_time, format)

**return** datetime\_str

date\_time = 'January 15 2021 05:59PM'

print(convert(date\_time))

Output:-

2021-1-15. 17:59:00

### 2. Write a Python program to subtract five days (last working day) from current date

**from** **datetime** **import** date, timedelta

delta = date.today() - timedelta(5)

print('Current Date :',date.today())

print('5 days before Current Date is :',delta)

Output:-

Current Date : 2021-01-25

5 days before Current Date is : 2021-01-20

### 3. Write a Python program to convert the date to datetime using a function

**from** **datetime** **import** datetime

dt = date.today()

print(datetime.combine(dt, datetime.min.time()))

Output:-

2021-01-25 00:00:00

### 4. Write a Python program to print next 7 days (week) starting from today

**import** **datetime**

base = datetime.datetime.today()

**for** x **in** range(0, 7):

print(base + datetime.timedelta(days=x))

Output:-

2021-01-25 12:23:20

2021-01-26 12:23:20

2021-01-27 12:23:20

2021-01-28 12:23:20

2021-01-29 12:23:20

2021-01-30 12:23:20

2021-01-31 12:23:2)