

Day 25

Exercise:

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

In [1]:

```
from datetime import datetime
date_object = datetime.strptime('Jul 1 2014 2:43PM', '%b %d %Y %I:%M%p')
print(date_object)
```

2014-07-01 14:43:00

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

In [2]:

```
from datetime import date, timedelta
dt = date.today() - timedelta(5)
print('Current Date :',date.today())
print('5 days before Current Date :',dt)
```

Current Date : 2021-07-09

5 days before Current Date : 2021-07-04

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

In [5]:

```
from datetime import date
from datetime import datetime
def date_to_datetime(dt):
    print(datetime.combine(dt, datetime.min.time()))

dt = date.today()
date_to_datetime(dt)
```

2021-07-09 00:00:00

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

In [7]:

```
from datetime import datetime
base = datetime.today()
for x in range(0, 7):
    print(base + timedelta(days=x))
```

```
2021-07-09 19:41:18.757649
2021-07-10 19:41:18.757649
2021-07-11 19:41:18.757649
2021-07-12 19:41:18.757649
2021-07-13 19:41:18.757649
2021-07-14 19:41:18.757649
2021-07-15 19:41:18.757649
```

In []: