

Task – 25

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# task - 25
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```
#1. Write a python program to convert a string to datetime.
```

```
from datetime import datetime
datetime_object = datetime.strptime('jul 9 2021 5:31AM', '%b %d %Y %I:%M%p')
print(type(datetime_object))
print(datetime_object)
```

output :-

```
2021-07-09 05:31:00
```

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

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

output :-

```
Current Date : 2021-07-10
```

```
5 days before Current Date : 2021-07-05
```

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

```
from datetime import datetime, date
dt = date.today()
print('Date :',dt)
print('Converted into datetime :',datetime.combine(dt, datetime.min.time()))
```

output : -

Date : 2021-07-10

Converted into datetime : 2021-07-10 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 : -

2021-07-10 11:30:24.072170

2021-07-11 11:30:24.072170

2021-07-12 11:30:24.072170

2021-07-13 11:30:24.072170

2021-07-14 11:30:24.072170

2021-07-15 11:30:24.072170

2021-07-16 11:30:24.072170