

```
In [104]: from datetime import datetime, timedelta
```

```
In [105]: # this returns current date and time
current_date_time = datetime.now()
print("Current Date Time: ", current_date_time)
```

Current Date Time: 2020-09-16 19:14:26.784143

```
In [106]: # this returns current date
print("Today's Full Date: ", current_date_time.date())
```

Today's Full Date: 2020-09-16

```
In [107]: # this returns current time
print("Current Time: ", current_date_time.time())
```

Current Time: 19:14:26.784143

```
In [108]: # this returns today's day
print("Today's Date: ", current_date_time.day)
```

Today's Date: 16

```
In [109]: # this returns current month
print("Current Month: ", current_date_time.month)
```

Current Month: 9

```
In [110]: # this returns current year
print("current Year: ", current_date_time.year)
```

current Year: 2020

```
In [111]: # return todays midnight date time.
print("Today's Midnight Date & Time: ", datetime.combine(datetime.now().date(), datetime.min.time()))
```

Today's Midnight Date & Time: 2020-09-16 00:00:00

```
In [112]: # return current date time in EPOCH
print("Current Date Time in EPOCH: ", round(current_date_time.timestamp()))
```

Current Date Time in EPOCH: 1600263867

```
In [113]: # Adding and subtracting WEEKS, DAYS, HOURS, MINUTES, SECONDS , MICRO
          SECONDS in/from todays date time.
```

```
In [114]: print("Before Adding Anything Current Date Time Is: ", current_date_time)
```

Before Adding Anything Current Date Time Is: 2020-09-16 19:14:26.784143

```
In [115]: # Adding 1 Week in current date & time
print("After Adding 1 Week Current Time: ", current_date_time + timedelta(weeks=1))
```

After Adding 1 Week Current Time: 2020-09-23 19:14:26.784143

```
In [116]: # Adding 2 Hours in current date & time
print("After Adding 2 Hours Current Time: ", current_date_time + timedelta(hours=2))
```

After Adding 2 Hours Current Time: 2020-09-16 21:14:26.784143

```
In [117]: # Adding 180 Minutes in current date & time
print("After Adding 180 Minutes Current Time: ", current_date_time + timedelta(minutes=180))
```

After Adding 180 Minutes Current Time: 2020-09-16 22:14:26.784143

```
In [118]: # Adding 60 Seconds in current date & time
print("After Adding 60 Seconds In Current Time: ", current_date_time + timedelta(seconds=60))
```

After Adding 60 Seconds In Current Time: 2020-09-16 19:15:26.784143

```
In [ ]:
```