1. Try the code below and revise it to current time.

In [2]:
```
import sys
from datetime import datetime
from datetime import time
from datetime import date
```

In [5]:
```
def main():
    dt = datetime.now()
#utc = datetime.utcnow()
    time_string = dt.strftime("%X")
    """https://strftime.org"""
    for line in sys.stdin:
        data = line.strip().split("\t")
        if len(data) == 6:
            _date, _time, store, item, cost, payment = data
            print ("{dt}\t{time_string}\t{store}\t{item}\t{cost}\t{payment}")
```

In [6]:
```
main()
```

1. Add the timedelta to the datetime and subtract 60 second and added 2 year . (Hit: timedelta(seconds=60)) For each condition, state the code and output.

In [7]:
```
from datetime import timedelta
```

- Add 1 day

In [9]:
```
print(datetime.now() + timedelta(days=1))
```

```
2022-06-28 05:08:11.135277
```

- Add 60 seconds

In [10]:
```
print(datetime.now() - timedelta(seconds=60))
```

```
2022-06-27 05:08:17.884703
```

- Add two years
- To solve this one we needed to figure out how many days are in a year and multiply that by two (365*2)

In [12]:
```
print(datetime.now() + timedelta(days=730))
```

```
2024-06-26 05:11:57.191922
```

1. Create a timedelta object representing

- Timedelta representing one object

In [14]:
```
d = timedelta(microseconds=-1)
print (d.days, d.seconds, d.microseconds)
```

```
-1 86399 999999
```

- Create a timedelta object representing 100 days, 10 hours, and 13 minutes.
- We needed to figure out how many seconds are in 10 hours (3600 * 10)
- We also need to figure out how many microseconds are in 13 minutes (13 * 60,000,000)

In [15]:
```
c = timedelta(days=100, seconds = 36000, minutes = 780000000)
print (c.days, c.seconds, c.microseconds)
```

```
541767 7200 0
```

1. Write a function that takes two arguments (feet and inches) with this time object

In [16]:
```
# get current date
datetime_object = datetime.now()
print(datetime_object)
print('Type :- ',type(datetime_object))
```

```
2022-06-27 05:24:23.779676
Type :-  <class 'datetime.datetime'>
```

In [24]:
```
def feetInchTime(f,i,D):
    print(f,",feet")
    print(i,",inche(s)")
    print("Current Date:", datetime_object)
```

In [25]:
```
f = input("Please enter measurement in feet:")
i = input("Please enter measurement in inches:")
D = datetime_object
```

In [26]:
```
feetInchTime(f,i,D)
```

```
5 ,feet
3 ,inche(s)
Current Date: 2022-06-27 05:24:23.779676
```