

Q33

In [2]:

```
from datetime import datetime
import getpass
print("Date: ",datetime.now( ))
print("UserName: ",getpass.getuser( ))
import pickle

with open('emp1.dat', 'rb+') as fin:
    while True:
        try:
            record = pickle.load(fin)
            if record["EmpNO"] == 1251:
                record["Salary"] += 2000
                fin.seek(-1, 2)
                pickle.dump(record, fin)
                break

        except EOFError:
            break
```

Date: 2020-10-12 19:25:39.319000

UserName: jovyan

```
-----
-
FileNotFoundError                                Traceback (most recent call last)
<ipython-input-2-f987ee3bf83a> in <module>
      6
      7
----> 8 with open('emp1.dat', 'rb+') as fin:
      9     while True:
     10         try:

FileNotFoundError: [Errno 2] No such file or directory: 'emp1.dat'
```

Q34

In [5]:

```
from datetime import datetime
import getpass
print("Date: ",datetime.now( ))
print("UserName: ",getpass.getuser( ))

import csv
with open('Items.csv', 'w', newline='') as fout:
    csv_writer = csv.writer(fout)
    csv_writer.writerow(['ItemNo.', 'Name', 'Price', 'Category'])
    for i in range(5):
        print("Item number" + str(i+1))
        itemno = input('Enter Item No ')
        name = input('Name')
        price = int(input('Price'))
        category = input('Category')
        csv_writer.writerow([itemno,name, price, category])
```

Date: 2020-10-12 19:35:01.117808

UserName: jovyan

Item number1

Enter Item No IN_100

Name1K Ohm Resistor

Price88

CategoryScientific

Item number2

Enter Item No IN_101

NameGopi Dairies

Price300

CategoryBooks

Item number3

Enter Item No IN_102

NameStudy Table

Price4200

CategoryFurniture

Item number4

Enter Item No IN_103

Name9V Battery

Price260

CategoryBatteries

Item number5

Enter Item No IN_104

NameBird House

Price450

CategoryGarden and Outdoors

Q35

In [8]:

```
from datetime import datetime
import getpass
print("Date: ",datetime.now( ))
print("UserName: ",getpass.getuser( ))
import csv
with open('Items.csv', 'r') as fin:
    csv_reader = csv.reader(fin)

    itemno = input("Search for item no")
    for row in csv_reader:
        if row[0] == itemno:
            print(row)
            break
```

Date: 2020-10-12 19:41:39.715383

UserName: jovyan

Search for item noIN_104

['IN_104', 'Bird House', '450', 'Garden and Outdoors']

Q36

In [28]:

```
from datetime import datetime
import getpass
print("Date: ",datetime.now( ))
print("UserName: ",getpass.getuser( ))
import csv
with open('Items.csv', 'r') as fin:
    with open("highitems.csv", 'w') as fout:
        csv_reader = csv.reader(fin)
        csv_writer = csv.writer(fout)

        for i in csv_reader:
            try:
                if int(i[2]) > 250:
                    csv_writer.writerow(i)
            except:
                continue
```

Date: 2020-10-12 19:56:39.517796

UserName: jovyan

Q37

In [29]:

```
from datetime import datetime
import getpass
print("Date: ",datetime.now( ))
print("UserName: ",getpass.getuser( ))

import csv
with open('Items.csv', 'w', newline='') as fout:
    csv_writer = csv.writer(fout, delimiter='|')
    csv_writer.writerow(['ItemNo.', 'Name', 'Price', 'Category'])
    for i in range(5):
        print("Item number" + str(i+1))
        itemno = input('Enter Item No ')
        name = input('Name')
        price = int(input('Price'))
        category = input('Category')
        csv_writer.writerow([itemno,name, price, category])
```

Date: 2020-10-12 20:00:11.507490

UserName: jovyan

Item number1

Enter Item No IN_100

Name1K Ohm Resistor

Price88

CategoryScientific

Item number2

Enter Item No IN_101

NameGopi Dairies

Price300

CategoryBooks

Item number3

Enter Item No IN_102

NameStudy Table

Price4200

CategoryFurniture

Item number4

Enter Item No IN_103

Name9V Battery

Price260

CategoryBatteries

Item number5

Enter Item No IN_104

NameBird House

Price450

CategoryGarden and Outdoors

In []: