In [ ]:

```
#ANNAPOORNIMA .S
#ROLL NO:225229101
SET 1
```

In [18]:

```
'''Create a dictionary car with name as key and quantity available as values.
Then, print outputs for the following queries.

1. Show the entire dictionary Car'''

cars={'bmw':100,'buick':200,'audi':300}

for c,q in cars.items():
    print(c,'->',q)
```

```
bmw -> 100
buick -> 200
audi -> 300
```

In [6]:

```
'''Print the number of cars.'''

print("the number of cars:",len(cars))
```

```
the number of cars: 3
```

In [7]:

```
'''How many items in the dictionary?'''


print("no of keys:",len(cars))
```

```
no of keys: 3
```

In [8]:

```
'''Does FERRARI exists in the dictionary?. If so, return its quantity, otherwise, add 750
FERRARI to dictionary.'''

if 'ferrari' in cars:
    print ("ferrari is available")
else:
    cars['ferrari']=750
    print(cars)
```

```
{'bmw': 100, 'buick': 200, 'audi': 300, 'ferrari': 750}
```

In [9]:

```
'''Show all car names in ascending order (Iterate using for loop)'''

print("ascending order:")
for i in sorted(cars):
    print(i)
```

```
ascending order:
audi
bmw
buick
ferrari
```

In [17]:

```
'''
  Write the inventory car onto the file “car.txt” '''

import pickle
cars={'bmw':100,'buick':200,'audi':300,'ferrari':750}
file=open("mypicklefile","wb")
pickle.dump(cars,file)
file.close()
import pickle
crs_prc=open("mypicklefile","rb")
cars=pickle.load(crs_prc)
print(cars)
```

```
{'bmw': 100, 'buick': 200, 'audi': 300, 'ferrari': 750}
```

In [ ]:

```

```