In [1]:
```
a = [10,20,30,20,10,50,60,40,80,50,40]

dup_items = set()
uniq_items = []
for x in a:
    if x not in dup_items:
        uniq_items.append(x)
        dup_items.add(x)

print(dup_items)
```

```
{40, 10, 80, 50, 20, 60, 30}
```

In [5]:
```

```

In [9]:
```

```

In [13]:
```
list1 = [1, 3, 5, 7, 9]
list2=[1, 2, 4, 6, 7, 8]
diff_list1_list2 = list(set(list1) - set(list2))
diff_list2_list1 = list(set(list2) - set(list1))
total_diff = diff_list1_list2 + diff_list2_list1
print(total_diff)
```

```
[9, 3, 5, 8, 2, 4, 6]
```

In [14]:
```
import collections
my_list = [10,10,10,10,20,20,20,20,40,40,50,50,30]
print("Original List : ",my_list)
ctr = collections.Counter(my_list)
print("Frequency of the elements in the List : ",ctr)
```

```
Original List :  [10, 10, 10, 10, 20, 20, 20, 20, 40, 40, 50, 50, 30]
Frequency of the elements in the List :  Counter({10: 4, 20: 4, 40: 2, 5
0: 2, 30: 1})
```

In [15]:
```
list1 =["red", "orange", "green", "blue", "white"]
list2=["black", "yellow", "green", "blue"]
diff_list1_list2 = list(set(list1) - set(list2))
diff_list1_list2
```

Out[15]:
```
['red', 'orange', 'white']
```

In [16]:
```
list1 =["red", "orange", "green", "blue", "white"]
list2=["black", "yellow", "green", "blue"]
diff_list2_list1 = list(set(list2) - set(list1))
diff_list2_list1
```

Out[16]:
```
['black', 'yellow']
```

In [ ]: