

```
for columnName in lesser:  
    dataset[columnName][dataset[columnName]<descriptive[columnName]["Lesser"]]=descriptive[columnName]["Lesser"]  
for columnName in greater:  
    dataset[columnName][dataset[columnName]>descriptive[columnName]["Greater"]]=descriptive[columnName]["Greater"]
```

This particular line of code is updating the values of dataset which is a Data Frame but we are updating the lists lesser and greater by comparing the values of descriptive Data Frame (refer the below code)

```
lesser=[]  
greater=[]  
for columnName in quan:  
    if (descriptive[columnName]["Lesser"]>descriptive[columnName]["Min"]):  
        lesser.append(columnName)  
    if (descriptive[columnName]["Greater"]<descriptive[columnName]["Max"]):  
        greater.append(columnName)
```

So if we run the code again from the below code(just after reading the placement csv file) will give the right output.

```
def QualQuan(dataset):  
    qual=[]  
    quan=[]  
    for columnName in dataset.columns:  
        if dataset[columnName].dtype=='O':  
            qual.append(columnName)  
        else:  
            quan.append(columnName)  
    return qual,quan
```

In [69]: ➜ lesser

Out[69]: []

In [70]: ➜ greater

Out[70]: []