

```
In [7]: type([])
```

```
Out[7]: list
```

```
In [8]: list = [1,2,3,4,5]
a = len(list)
print(a)
```

```
5
```

```
In [9]: print(list[3])
```

```
4
```

```
In [11]: name = ["a","b","cs"]
name[1]
```

```
Out[11]: 'b'
```

```
In [15]: print(len(name))
```

```
3
```

```
In [16]: print(len(name[2]))
```

```
2
```

```
In [17]: list=[]
len(list)
```

```
Out[17]: 0
```

```
In [20]: list.append('muthu')
print(list)
```

```
['muthu', 'muthu']
```

```
In [23]: l1 = ['muthu','sanjay']
l2 = l1
print(l2)
```

```
['muthu', 'sanjay']
```

```
In [24]: list1 = ['muthu','sanjay','babu']
list2 = ['aswin','bala','jayanthan']
list3 = list1+list2
print(list3)
```

```
['muthu', 'sanjay', 'babu', 'aswin', 'bala', 'jayanthan']
```

```
In [25]: for i in list3:
print(i)
```

```
muthu
sanjay
babu
aswin
bala
jayanthan
```

```
In [35]: for i in range(0,5):
print(i+i)
```

0
2
4
6
8

```
In [37]: i = 0  
         while i<4:  
             print(i)  
             i=i+1
```

0
1
2
3

In []:

In []:

In []:

In []: