



list

```
In [3]: a=[1,2,3,4,5,5,5,5,5,6]
        print(a)
```

```
[1, 2, 3, 4, 5, 5, 5, 5, 5, 6]
```

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

```
1
2
3
4
5
```

```
In [7]: my_list=["a","b","c"]
        print(my_list)
```

```
['a', 'b', 'c']
```

```
In [9]: my_float=[1.1,12,1.3,"string",'a']
        print(my_float)
```

```
[1.1, 12, 1.3, 'string', 'a']
```

```
In [10]: print(len(my_float))
```

```
5
```

```
In [11]: b=[2,3,4,5,45,3,44]
        print(len(b))
```

```
7
```

access

```
In [13]: my_new=["name",12,1.2,'point']
        print(my_new[3])
```

```
point
```

```
In [14]: my_new=["name",12,1.2,'point']
        print(my_new[-3])
```

```
12
```

```
In [15]: print(my_new[0:3])
```

```
['name', 12, 1.2]
```

```
In [16]: print(my_new[::-2])
```

```
['point', 12]
```

jump

```
In [18]: print(my_new[0:4:2])
```

```
['name', 1.2]
```

```
In [21]: this_list=["apple","new","iron-man"]
this_list[1]="banana"
print(this_list)
```

```
['apple', 'banana', 'iron-man']
```

```
In [23]: number=[1,2,3,3,4,5,56,67,7]
number[2]=3
print(number)
```

```
[1, 2, 3, 3, 4, 5, 56, 67, 7]
```

```
In [24]: number[2:4]=[55,44,33]
print(number)
```

```
[1, 2, 55, 44, 33, 4, 5, 56, 67, 7]
```

Add

```
In [25]: number.append(-9)
print(number)
```

```
[1, 2, 55, 44, 33, 4, 5, 56, 67, 7, -9]
```

Remove

```
In [26]: number.remove(44)
print(number)
```

```
[1, 2, 55, 33, 4, 5, 56, 67, 7, -9]
```

```
In [27]: number.reverse()
print(number)
```

```
[-9, 7, 67, 56, 5, 4, 33, 55, 2, 1]
```

```
In [62]: l=[1,2,3,4,5,6]
a=0
for i in range(6):
    a=a+l[i]
print(a)
```

21

```
In [64]: l=[1,2,3,4,5]
a=1
for i in range(5):
    a=a*l[i]
print(a)
```

120

```
In [ ]:
```