

```
In [1]: print("hi")
```

hi

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

4

```
In [3]: print(list[2])
```

3

```
In [4]: print(list)
```

[1, 2, 3, 4]

```
In [5]: l=list
print(l)
```

[1, 2, 3, 4]

```
In [7]: l1=['sanjay','muthu',100,200,'b']
print(len(l1))
```

5

```
In [8]: l5=[]
l5.append("bala")
```

```
In [9]: print(l5)
```

['bala']

```
In [10]: print(len(l5[0]))
```

4

```
In [11]: l1.insert(1,'majesty')
```

```
In [12]: print(l1)
```

['sanjay', 'majesty', 'muthu', 100, 200, 'b']

```
In [13]: l1[1:4]
```

```
Out[13]: ['majesty', 'muthu', 100]
```

```
In [14]: for i in range(8):
print(i)
```

0
1
2
3
4
5
6
7

In [15]:

```
food=['dosa','biryani','idli']  
drink=['JD','CORONA','BE']  
fd=food+drink  
print(fd)
```

['dosa', 'biryani', 'idli', 'JD', 'CORONA', 'BE']

In [26]:

```
for i in fd:  
    print(i,len(i))
```

dosa 4
biryani 8
idli 4
JD 2
CORONA 6
BE 2

In [21]:

```
for i in range(1,6):  
    print(i*i)
```

1
4
9
16
25

In [25]:

```
i=0  
while i<4:  
    print(i)  
    i=i+1
```

0
1
2
3

In []: