

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

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

```
In [2]: list = [1,2,3,4,5,6]
        for i in list:
            print(i)
```

```
1
2
3
4
5
6
```

```
In [4]: list = [1,2,3,4,5,6]
        for i in list:
            if(i%2==0):
                print(i, 'is Even Number')
            else:
                print(i, 'is Odd Number')
```

```
1 :is Odd Number
2 :is Even Number
3 :is Odd Number
4 :is Even Number
5 :is Odd Number
6 :is Even Number
```

```
In [5]: list = [1,2,3,4,5,6]
        list.append(7)
        print(list)
```

```
[1, 2, 3, 4, 5, 6, 7]
```

```
In [7]: list = [1,2,3,4,5,6]
        list.extend([8,9])
        print(list)
```

```
[1, 2, 3, 4, 5, 6, 8, 9]
```

```
In [8]: list = [1,2,3,4,5,6]
        list.insert(10,7)
        print(list)
```

```
[1, 2, 3, 4, 5, 6, 7]
```

```
In [9]: list = [1,2,3,4,5,6]
        list.insert(7, 14)
        print(list)
```

```
[1, 2, 3, 4, 5, 6, 14]
```

```
In [10]: list.copy()
          print(list)
```

```
[1, 2, 3, 4, 5, 6, 14]
```

```
In [11]: list.remove(3)
          print(list)
```

```
[1, 2, 4, 5, 6, 14]
```

```
In [12]: list.index(14)
          print(list)
```

```
[1, 2, 4, 5, 6, 14]
```

```
In [17]: a = list.index(2)
          print(a)
```

```
1
```

```
In [16]: 1 list = [1, 2, 4, 5, 6, 14, 1, 2]
          2 a = list.count(1)
          3 print(a)
```

```
2
```

```
In [18]: a = list.pop()
          print(a)
```

```
2
```

```
In [19]: a = list.pop(4)
```

```
print(a)
```

```
6
```

```
In [20]: a = list.reverse()  
print(a)
```

```
None
```

```
In [22]: list = [1, 2, 4, 5, 6, 14]  
a = list.reverse()  
print(list)
```

```
[14, 6, 5, 4, 2, 1]
```

```
In [24]: list = [1, 2, 4, 8, 6, 14]  
a = list.sort()  
print(list)
```

```
[1, 2, 4, 6, 8, 14]
```

```
In [25]: list = [1, 2, 4, 5, 6, 14]  
a = list.sort(reverse=True)  
print(list)
```

```
[14, 6, 5, 4, 2, 1]
```

```
In [26]: list = [1, 2, 4, 5, 6, 14]  
a = list.find(5)  
print(a)
```

```
-----  
AttributeError                                Traceback (most recent call last)  
C:\Users\PRATIK~1\AppData\Local\Temp\ipykernel_15100\146562305.py in <module>  
      1 list = [1, 2, 4, 5, 6, 14]  
----> 2 a = list.find(5)  
      3 print(a)
```

```
AttributeError: 'list' object has no attribute 'find'
```

```
In [27]: list = [1, 2, 4, 5, 6, 14]  
list.find(5)  
print(list)
```

```
-----  
AttributeError                                Traceback (most recent call last)  
C:\Users\PRATIK~1\AppData\Local\Temp\ipykernel_15100\1743313926.py in <module>  
      1 list = [1, 2, 4, 5, 6, 14]  
----> 2 list.find(5)  
      3 print(list)
```

```
AttributeError: 'list' object has no attribute 'find'
```

```
In [30]: list = ['apple', 'lemon', 'banana', 'orange', 'kiwi']  
for i, list in enumerate(list):  
    print(i, list)
```

```
0 apple  
1 lemon  
2 banana  
3 orange  
4 kiwi
```

```
In [31]: list = ['apple', 'lemon', 'banana', 'orange', 'kiwi']  
print(type(list))
```

```
<class 'list'>
```

```
In [32]: list = ['apple', 'lemon', 'banana', {1, 3, 4, 2, 5, 2}, [1, 3, 2, 3, 2]]  
for i in list:  
    print(i)
```

```
apple  
lemon  
banana  
{1, 2, 3, 4, 5}  
[1, 3, 2, 3, 2]
```

```
In [33]: host dir
```

```
File "C:\Users\PRATIK~1\AppData\Local\Temp\ipykernel_15100\1727952096.py", line 1  
    host dir  
      ^  
SyntaxError: invalid syntax
```

```
In [34]: pwd
```

```
Out[34]: 'C:\\Users\\PRATIKBAWANE'
```

```
In [35]: cd
```

C:\Users\PRATIKBAWANE

In [36]: `cd 'D:\github repo\python'`

[WinError 123] The filename, directory name, or volume label syntax is incorrect: "'D:\\github repo\\python'"
C:\Users\PRATIKBAWANE

In []: