

Python List Iterables vs Iterators

```
In [1]: ## list is Iterable =means all the values allocated in memory location  
lst=[1,2,3,4,5,6,7,]  
  
for i in lst:  
    print(i)
```

1
2
3
4
5
6
7

```
In [33]: lst1=iter(lst) ##after iterate list we can retrieve the value by using next by c
```

```
In [34]: lst1
```

```
Out[34]: <list_iterator at 0x2b531cd22e0>
```

```
In [35]: next(lst1)
```

```
Out[35]: 1
```

```
In [36]: for i in lst1:  
    print(i)
```

2
3
4
5
6
7

```
In [ ]:
```