

```
In [2]: for i in (0,7):
        for j in (0,i):
            print("*")
            print("\r")
```

```
*
*

*
*
```

```
In [3]: arr=[1,2,3]
```

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

```
[1, 2, 3]
```

```
In [5]: print(type(arr))
```

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

```
In [6]: print(arr[0])
```

```
1
```

```
In [7]: print(arr[1])
```

```
2
```

```
In [8]: print(arr[-1])
```

```
3
```

```
In [9]: arr.append(4)
```

```
In [10]: print(arr)
```

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

```
In [11]: print(arr+10)
```

```
-----
TypeError                                Traceback (most recent call last)
Input In [11], in <module>
----> 1 print(arr+10)

TypeError: can only concatenate list (not "int") to list
```

```
In [12]: arr2=[4,5,6]
```

```
In [13]: print(arr2)
```

```
[4, 5, 6]
```

```
In [14]: print(arr+arr2)
```

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

```
In [17]: for arr in (arr+arr2):
```

```
        print(arr)
```

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

```
In [1]: num=list(range(1,11))
```

```
In [2]: print(num)
```

```
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
```

```
In [3]: num[::-1]
```

```
Out[3]: [10, 9, 8, 7, 6, 5, 4, 3, 2, 1]
```

```
In [6]: for i in ([num::-1]):
        print(num)
```

```
Input In [6]
for i in ([num::-1]):
```

SyntaxError: invalid syntax

In []:

Loading [MathJax]/jax/output/CommonHTML/fonts/TeX/fontdata.js