

Range() Function

```
In [1]: r=range(0,20)
type(r)
```

```
Out[1]: range
```

```
In [2]: list(range(0,20))
```

```
Out[2]: [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19]
```

```
In [4]: even_number=list(range(2,50,3))
even_number
```

```
Out[4]: [2, 5, 8, 11, 14, 17, 20, 23, 26, 29, 32, 35, 38, 41, 44, 47]
```

```
In [7]: odd_number=list(range(1,20,3))
odd_number
```

```
Out[7]: [1, 4, 7, 10, 13, 16, 19]
```

```
In [9]: cubes=[x**3 for x in range(1,9)]
cubes
```

```
Out[9]: [1, 8, 27, 64, 125, 216, 343, 512]
```

```
In [10]: num=list(range(2,20,2))
num
```

```
Out[10]: [2, 4, 6, 8, 10, 12, 14, 16, 18]
```

```
In [16]: num1=list(range(3,31,3))
num1
```

```
Out[16]: [3, 6, 9, 12, 15, 18, 21, 24, 27, 30]
```

```
In [17]: num4=list(range(4,41,4))
num5=list(range(5,50,5))
num6=list(range(6,60,6))
num7=list(range(7,70,7))
num8=list(range(8,80,8))
num9=list(range(9,90,9))
```

```
In [ ]: print(num4)
print(num5)
print(num6)
print(num7)
print(num8)
print(num9)
```