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## Revise The Range ( )

A range is a function which generates a range of integers.

The range(End), will generate integers for 0 to End-1.

An example in the compiler,

```
range(10)
```

Output: range(0,10)

Another example of a range is:

```
for i in range (1):
```

```
    print (i)
```

Output: 0

Another example:

```
for i in range (15):
```

```
    print i
```

Output:0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

An example to print range going horizontally

```
for i in range (15):
```

```
    print(i, end = ' ')
```

Output: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14

For an range, End should not be 0 or less than 0, otherwise nothing will show.

Another example is:

```
for i in range (-10, 1):
```

```
    print (i, end = ' ')
```

Output: -10, -9, -8, -7, -6, -5, -4, -3, -2, -1, 0

Range that has Begin, End, and Step. If there is -10, 11, 5, the number 5 represents to skip every 5 numbers. The end is 11 show it will show the number 10 in the compiler. It is showing 0-10, which is 11.

An example is:

```
for i in range (-10, 11, 5):
```

```
    print(i, end = ' ')
```

Output: -10 -5 0 5 10

Another example is:

```
for i in range (-10, 11, 2):
```

```
    print (i, end = ' ')
```

Output: -10 -8 -6 -4 -2 0 2 4 6 8 10

Example:

```
for i in range (10, 0, -10):
```

```
    print (i, end = ' ')
```

Output: 10