

range() Function

range() function is used to generate a sequence of integers starting from 0 by default, and increments by 1 by default, till j-1.

Syntax:-

range(start, stop, stepsize)

Start – Starting position. If we do not mention start by default it's 0

*Stop – Ending position. The range of integers stops one element prior to stop. If stop is j then it will stop at exact j-1

Stepsize – Increment by stepsize. If we do not mention start by default it's 1

range() Function

Syntax:- range(j) 0, 1, 2, 3, 4,....., j-1

Ex:- range(10) 0, 1, 2, 3, 4, 5, 6, 7, 8, 9

Syntax:- range(i, j) i, i+1, i+2, i+3,....., j-1

Ex:- range(1, 10) 1, 2, 3, 4, 5, 6, 7, 8, 9

Syntax: - range(i, j, k) i, i+k, i+2k, i+3k, i+4k,....., j-1

range(1, 10, 2) 1, 3, 5, 7, 9

range(-1, -10, -2) -1 -3 -5 -7 -9

range(10, 0, -1) 10 9 8 7 6 5 4 3 2 1

Rules:-

- All argument must be integers, whether its positive or negative
- You can not pass a string or float number or any other type in a start, stop and stepsize.
- The stepsize value should not be zero.