## **List of Functions and their Descriptions**

## **Random**

1. **randrange**()

This method generates random numbers between given ranges.

Note: the second parameter of this function is till 1 less than the value given in the function.

The random number generated n : ( a <= n < b )

random.**randrange**( a, b)

2. **randint()**

This method generates a random integer “n” such that the number is inclusive of all the ranges mentioned as parameters in the function.

This random number generated n : ( a <= n <= b )

random.randint( a, b)

**Math Module**

1. Ceil():

This function is used to find the ceiling value of the parameter passed into the function.

It returns the smallest integer greater than or equal to input parameter value. **( It returns the previous number )**

math.ceil(2.3) → 2

1. Floor():

This function returns the floor value of the input parameter.

It returns the greatest integer than or equal to the input parameter value. ( **it returns the next number** )

math.floor(2.6) → 3

1. Factorial():

This function returns the factorial of the number entered into the parameter input into the function

math.factorial( 3 ) → 6

1. Fabs():

This function returns the absolute value of the input number as a float data type.

Its working is same as “ abs(5) “

math.fabs(-5) → 5.0