Functions

Built-in-Functions

The python interpreter has a number of functions and types built into it and that are always available.
Example : abs(), all(), float(), sum(), max(), min(), int(), bin(),etc.,

User-Defined Functions

Human created Functions are known as User-Defined Function. **'def'** is the keyword used to define a function and followed by function name, paranthesis and a colon.

Syntax

```
def my_function():
```

We need to trigger the function **i.e.,** calling the function. for that we call the function by using func_name and paranthesis and keyword is any inside the paranthesis

In [1]:

```python
# Example for user-defined function

# defining a function
def hello_world():
    print('Hello')
    print('World')

# calling a function
hello_world()
```

```
Hello
World
```

While Loops

While loop continues going till the condition come true

Syntax

```
while Something_is_True:
    # do something repeatedly
```

```python
# Example for While Loop

a = 0
while a < 20:                # condition is while a is less than 100
    print("I LOVE PYTHON")   # do this
    a += 1                   # update the value of a for each iteration
```

```
I LOVE PYTHON
I LOVE PYTHON
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