

Functions

- DRY -Dont Repeat Yourself
- Important to understand the inputs and return values
- function parameters

* args -> variable number of positional arguments

**kwargs -> variable number of keyword arguments

While unpacking values within the function consider args to be a list and kwargs to be a dictionary.

```
1 #Example of *args
2 #function definition
3 def func1(*args):
4     for i in args:
5         print(i)
6
7 #function call
8 func1('item1','item2',[1,2])
9
10 #output
11 item1
12 item2
13 [1, 2]
14
15 #Example of **kwargs
16 #function definition
17 def func2(**kwargs):
18     for k in kwargs:
19         print(kwargs[k])
20
21 #function call
22 func2(arg1 = 1,arg2 = 2, arg3 = [1,2,3])
23
24 #output
25 1
26 2
27 [1, 2, 3]
```