

Return Keyword

it Return

Result From our Function

once Function End the word

Return it terminate the Function

(عند الانتهاء)



Example:

```
def our_max(P, S):
```

```
    if P > S:
```

```
        Return P
```

```
    Return S
```

Why we don't use else
بسبب انه لو ال P اكبر فنرجع ال P وننسى ال S
لو انك فتنرجع ال S

Multiple Return

If we Return multiple

Values

→ We can Receive them in multiple Variables

Example: a, b, c = f()

Return 1, 2, 3

⇒ In tuples:

together = f() → together = (1, 2, 3)

↳ we can unpack it by assigning multiple values.

^{1 2 3}
x, y, z = together

⇒ if we Pass 2 Variable it will Return type error

⇒ Non Return Function :

↳ any Function Doesn't have Return can't be Printed / it will Give None

⇒ Default Arguments

example of mysum (a, b, c=1, d=2) :
Return a+b+c+d

non default

Default

Note: After we Define a Default argument every argument after it must be Default.

↳ Otherwise it will be error.