

Functions in Jython

A Junction is a reusable block of wide, Which persons a specific task.

It simply means - write one and utilise as much as

Function provides readability, modularity, and reusability lets see how we define a function in python.

We define a function in bythom using a keyword "def" followed by the function name and paranthesis.

I function name

Reyword -> def greet ():

print (F" Hellow! there") - function body.

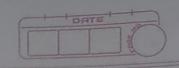
How let's see how to invoke this function.

Invoking a function means, calling a function to

Beyon the required task.

We simply call it as:

And it executes the code inside the junction



you, that we have just printed something inside a function. Likewise, a function han return a value

def add (x, y):

return x + y + return value.

Now here, When we invoke this function, it basically requires you to pass 2 arguments.

Basically the two numbers, Which you want to perform addition of

lets invoke this function.

add (5,4)

Now just invoking the Junction isn't enough when a function is explicitly returning.

He recieve the returned value on the left.

added-value = add (5,4)

Now here you get that returned value inside this variable added value, which you can then use anywhere you wish.

Now, remember that: A function always returns.
If explicitly there isn't anything returned from the function then by default return type is None.



Also remember that in Bython you can return multiple waluer.

And When you do so - it becomes a triple.

For example.

def getusex Details ():

name = input ("Enter your name:")

age = int (input ("Enter your age:"))

gender = input ("Enter your gender:"))

Heturn name, age, gender

Now this return values are returned in from sy a taple.

Like this: ("Shailesh", 22, "Male").

If you fass this tuple to another function it'll manually have to extract values from it, using indexing.
So, you can distribute it in positional arguments, by unpacking the tuple when calling this method.

Just like javascript, In python as well Junctions are first class citizens.

You can assign a function to a variable.

You can pass a function to another as an argument.

A function can be returned from another function.