Python Lambda

A **lambda function** is a small anonymous function.

A lambda function can take any number of arguments, but can only have one expression.

Syntax

lambda arguments : expression
The expression is executed and the result is returned:

Example Get your own Python Server
Add 10 to argument a, and return the result:

```
x = lambda a : a + 10
print(x(5))
```
Lambda functions can take any number of arguments.

Why Use Lambda Functions?
The power of lambda is better shown when we use them as an anonymous function inside another function.

Say you have a function definition that takes one argument, and that argument will be multiplied with an unknown number.