Challenge: Anonymous Functions

Test yourself and implement what you have learned so far in this challenge.

We'll cover the following

Problem Statement

You need to create two functions `printAdd` and `printSubtract`. `printAdd` adds two integers and prints the result. `printSubtract` subtracts two integers and also prints the result.

The catch is that to write the function body of both `printAdd` and `printSubtract` you can only use the `arithmeticPrinter` function you made in the previous challenge.

> To complete the challenge below, you will need to use anonymous functions.

Input

The input is two integers, `x` and `y`.

Output

The output will be the result of either `printAdd` or `printSubtract` which are passes `x` and `y` as arguments.

Sample Input

```
printAdd, 75, 10
```

Sample Output

```
85
```

Test Yourself

Write your code in the given area. Try the exercise by yourself first, but if you get stuck, the solution has been provided. Good luck!

This code requires the following environment variables to execute:

LANG	C.UTF-8

```
def arithmeticPrinter(f: (Int,Int) => Int, x: Int, y: Int) = {
  print(f(x,y))
}

def printAdd(x: Int, y: Int) = {
  // Write your code here

}

def printSubtract(x:Int, y: Int) = {
  // Write your code here

}
```

Hint 1 of 3

Call the `arithmeticPrinter` function in the function body of `printAdd` and `printSubtract`.

Let's go over the solution review in the next lesson.