

# HOFs & Currying



# Takeaways

Functional programming = working with functions

- pass functions as parameters
- return functions as results

=> Higher Order Functions (HOFs)

```
def nTimes_v2(f: Int => Int, n: Int): Int => Int = ...
```

Currying = functions/methods with multiple parameter lists

argument list 1      argument list 2

```
def curriedFormatter(a: Int, b: Int)(c: String): String = ???
```

A diagram with two orange brackets above the function signature. The first bracket is positioned above the parameters (a: Int, b: Int) and is labeled "argument list 1". The second bracket is positioned above the parameter (c: String) and is labeled "argument list 2".

# Scala rocks

