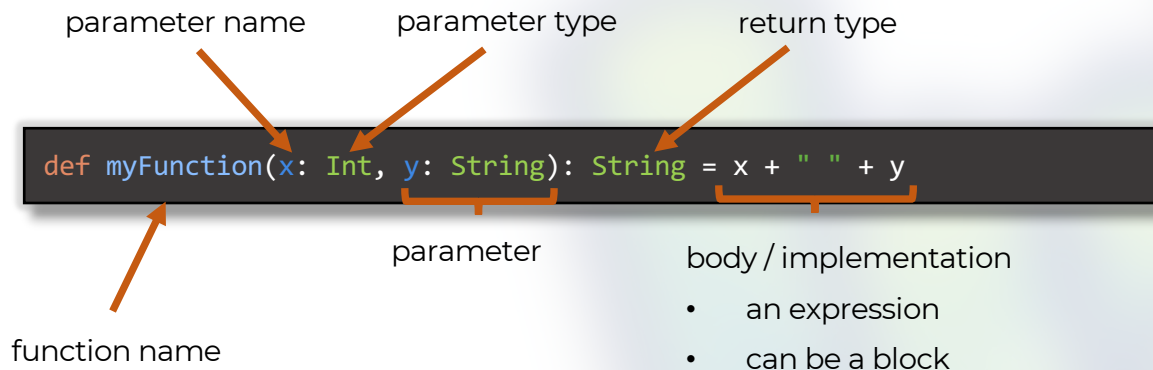


Functions

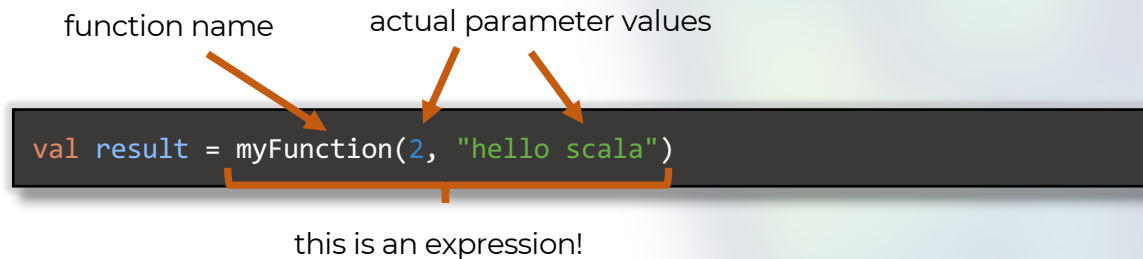


Function structure

Defining functions



Calling functions



Takeaways

The Unit type

- used for side effects
- instruction-like functions

```
def aVoidFunction(x: Int): Unit
```

```
aVoidFunction(2)  
println("hello world")
```

prints to console

Nested functions

- in blocks of code
- scoping

```
def isPrime(n: Int): Boolean = {  
  def isPrimeAux(t: Int): Boolean =  
    if (t <= 1) true  
    else (n % t != 0) && isPrimeAux(t - 1)  
  
  isPrimeAux(n / 2)  
}
```

Basic recursion

Scala rocks

