# Functions in Scala

In scala we have functions to add functionality.

Why Functions?

Following are the two benefits for the functions

1. According to the functional programming languages functions are first class values, we can pass functions a parameters to another functions.
2. Function are immutable in nature.

What is the syntax of a function

def functionName(argList1)(argList2): returnType = {

functional statements

return value

}

Example:

Create a function called add of Two input arguments return sum value.

def add(x:Int, y:Int): Int = {

var sum = 0;

sum = x+y;

return sum;

}