

KOTLIN FUNCTIONS

TASK 1

1)write a program in kotlin using function that takes the name of the person as a parameter and print the following message?

Ans:- Source code:

```
fun myFunction(fname:String)
{
    println(fname + "Welcome to the team.")
}
fun main()
{
    myFunction("Hello[name] .")
}
```

OUTPUT:

```
Hello [name].Welcome to the team.
```

TASK 2

2)Write a program to swap two numbers in kotlin?

Ans:- Source Code:

```
fun main(args: Array<String>)  
{  
  
    var a = 23  
    var b= 12  
  
    println("Before execution")  
    println("a = $a")  
    println("b= $b")  
  
    a=a - b  
    b = a + b  
    a = b - a  
  
    println("After execution")  
  
    println("a = $a")  
    println("b = $b")
```

```
}
```

Output:

Before execution

a = 23

b= 12

After execution

a = 12

b = 23

TASK 3

3)Write a function to print factorial of a number in kotlin?

Ans:- Source Code:

```
fun main()
{
    val input = 5
    println("The input value is defined as $input")
    var myResult: Long = 1

    for (i in 1..input) {
        myResult *= i.toLong()
    }

    println("The factorial of $input is $myResult")
}
```

OUTPUT:

```
The input value is defined as 5
The factorial of 5 is 120
```