

Kotlin Assignment-3

Program-1: Write a program in Kotlin using functions that takes the name of the person as a parameter and prints the following message.

Output:

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

Program-2: Write a program in Kotlin to swap two numbers using function.

Output:

```
Before execution  
a = 23, b = 12  
After execution  
a = 12, b = 23
```

Program-3: Write a function to print factorial of a number.

Output:

```
fun findFact(num: Int): Long {  
    if (num < 1) {  
        println("Enter non negative number")  
    }  
    var factorial: Long = 1  
    for (i in num downTo 2) {  
        factorial = factorial * i  
    }  
    return factorial  
}  
  
fun main(args: Array<String>) {  
    val num = 5  
    println("Factorial of " + num + " is : " + findFact(num))  
}
```

A screenshot of a terminal window with a black background and white text. The text displays the output of the program: "Factorial of 5 is : 120".

```
Factorial of 5 is : 120
```