

Task 5

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

Code:

```
fun main() {  
    greet(name="Eshu Rathore")  
}  
  
fun greet(name:String){  
    println("Hello [{name}].Welcome to the Team.")  
}
```

Output:

```
Hello [Eshu Rathore].Welcome to the Team.
```

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

Code:

```
fun main() {  
    var first = 10  
    var second = 20  
  
    println("Before swap number:")  
    println("first number=$first")  
    println("second number=$second")  
  
    val temp = first  
    first = second  
    second = temp  
  
    println("After swap number:")  
    println("first number=$first")  
    println("second number=$second")  
}
```

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Output:

```
Before swap number:  
first number=10  
second number=20  
After swap number:  
first number=20  
second number=10
```

3. Write a function to print factorial using function.

Code:

```
fun main() {  
    var fact = 1;  
    var num = 5  
    for(i in 1..num){  
        fact = fact*i  
    }  
    println(fact)  
}
```

Output:

```
120
```