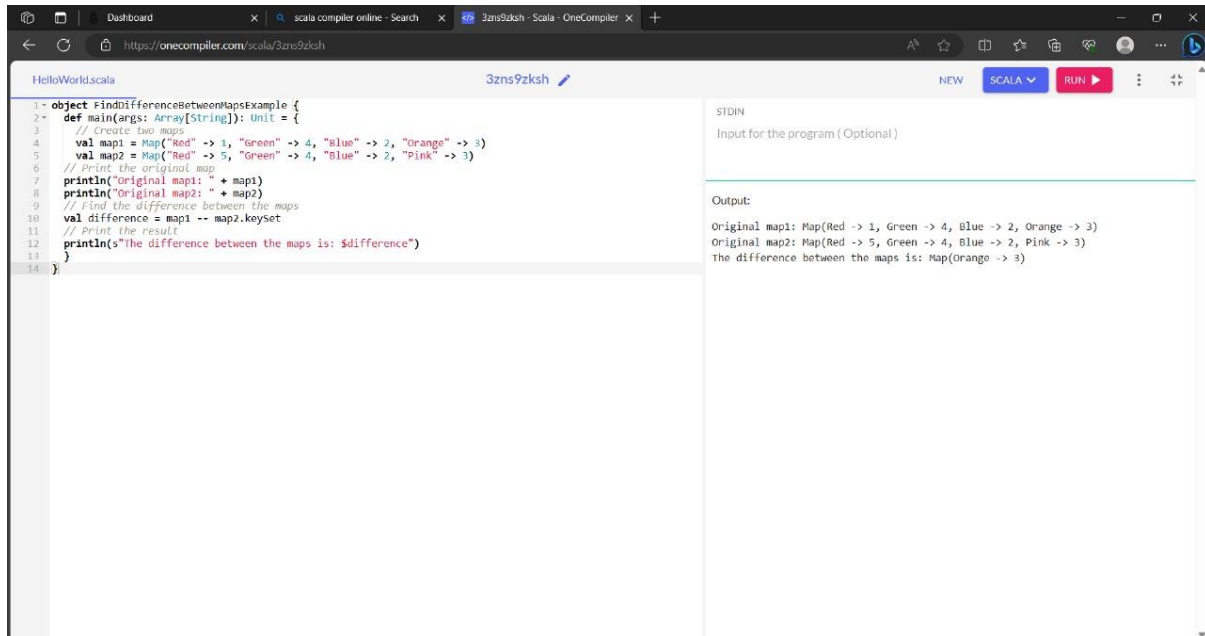


## LAB-11

ABHINANDAN SINGH PARMAR

22BTRAD001



The screenshot shows a web browser window with the URL <https://onecompiler.com/scala/3zns9zksh>. The page title is "HelloWorld.scala". The code editor contains the following Scala code:

```
1- object FindDifferenceBetweenMapsExample {
2-   def main(args: Array[String]): Unit = {
3-     // Create two maps
4-     val map1 = Map("Red" -> 1, "Green" -> 4, "Blue" -> 2, "Orange" -> 3)
5-     val map2 = Map("Red" -> 5, "Green" -> 4, "Blue" -> 2, "Pink" -> 3)
6-     // Print the original map
7-     println("Original map1: " + map1)
8-     println("Original map2: " + map2)
9-     // Find the difference between the maps
10-    val difference = map1 -- map2.keySet
11-    // Print the result
12-    println(s"The difference between the maps is: $difference")
13-  }
14- }
```

The output section on the right shows the following results:

```
Output:
Original map1: Map(Red -> 1, Green -> 4, Blue -> 2, Orange -> 3)
Original map2: Map(Red -> 5, Green -> 4, Blue -> 2, Pink -> 3)
The difference between the maps is: Map(Orange -> 3)
```

### Code:

```
object FindDifferenceBetweenMapsExample {
  def main(args: Array[String]): Unit = {
    // Create two maps
    val map1 = Map("Red" -> 1, "Green" -> 4, "Blue" -> 2, "Orange" -> 3)
    val map2 = Map("Red" -> 5, "Green" -> 4, "Blue" -> 2, "Pink" -> 3)
    // Print the original map
    println("Original map1: " + map1)
    println("Original map2: " + map2)
    // Find the difference between the maps
    val difference = map1 -- map2.keySet
    // Print the result
    println(s"The difference between the maps is: $difference")
  }
}
```

```
}
```

### **Output:**

```
Original map1: Map(Red -> 1, Green -> 4, Blue -> 2, Orange -> 3)
```

```
Original map2: Map(Red -> 5, Green -> 4, Blue -> 2, Pink -> 3)
```

```
The difference between the maps is: Map(Orange -> 3)
```