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SCALA PROGRAMMING

Q. Write a Scala program to create a map and find the difference between two maps.

```
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  
7     // Print the original map  
8     println("Original map1: " + map1)  
9     println("Original map2: " + map2)  
10    // Find the difference between the maps  
11    val difference = map1 -- map2.keySet  
12    // Print the result  
13    println(s"The difference between the maps is: $difference")  
14  }  
15 }
```

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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)