Scala Programming

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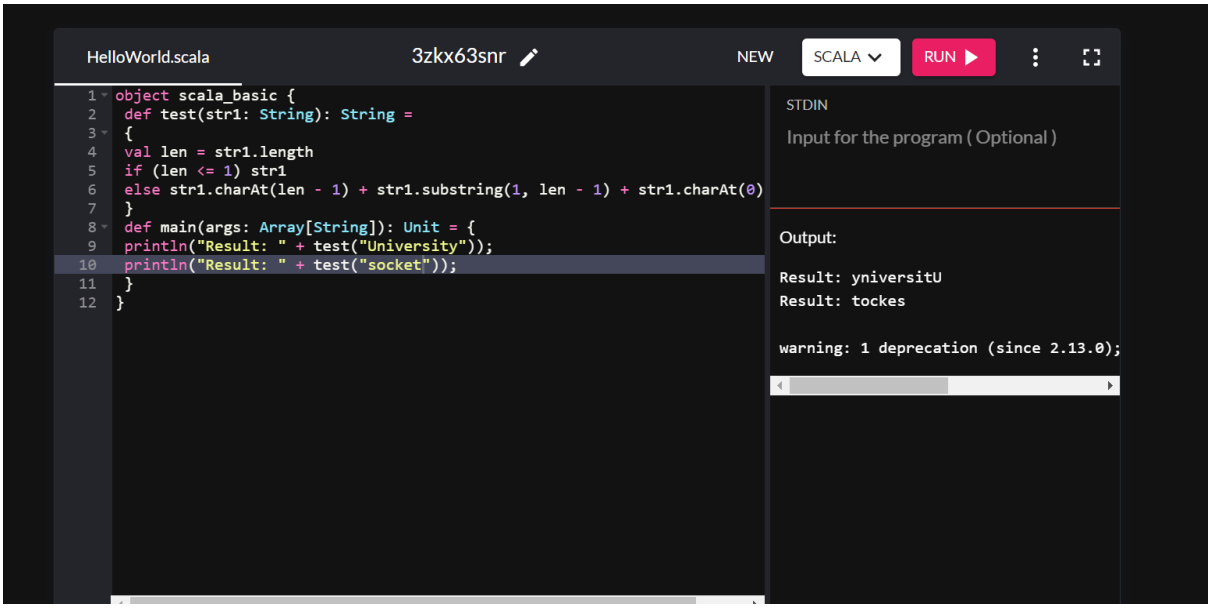
1. Write a Scala program to exchange the first and last characters in a given string and return the new string

Code:

```
object scala_basic {
 def test(str1: String): String =
 {
 val len = str1.length
 if (len <= 1) str1
 else str1.charAt(len - 1) + str1.substring(1, len - 1) + str1.charAt(0)
 }
 def main(args: Array[String]): Unit = {
 println("Result: " + test("University"));
 println("Result: " + test("socket"));
 }
}
```

Output:



2. Write a Scala program to remove the character in a given position of a given string. The given position will be in the range 0...string length -1 inclusive

Code:

```
object scala_basic {
 def test(str: String, n: Int): String =
 {
 str.take(n) + str.drop(n + 1)
 }
 def main(args: Array[String]): Unit = {
 println("Result: " + test("Bottle", 1));
 println("Result: " + test("Scala", 0));
 println("Result: " + test("Scala", 4));
 }
}
```

Output: