ABHINANDAN SINGH PARMAR

22BTRAD001

LAB-18

```scala
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("Abhinandan", 3));
    println("Result: " + test("Abhinandan", 0));
    println("Result: " + test("Abhinandan", 7));
  }
}
```

STDIN

Input for the program (Optional)

Output:

```
Result: Abhnandan
Result: bhinandan
Result: Abhinanan
```

```scala
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("Scala", 1));
    println("Result: " + test("Scala", 0));
    println("Result: " + test("Scala", 4));
  }
}
```

STDIN

Input for the program (Optional)

Output:

```
Result: Sala
Result: cala
Result: Scal
```

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("Abhinandan", 3));
    println("Result: " + test("Abhinandan", 0));
    println("Result: " + test("Abhinandan", 7));
  }
}
```

Output:

```
Result: Abhnandan
Result: bhinandan
Result: Abhinanan
```

Explanation:

According to array slicing the index starts with 0. But the drop function assumes the first position to be 1 and according to that the code has been written i.e we drop the n+1 position value.

GitHub:

https://github.com/AbhinandanSinghParmar/scala