

SCALA PROGRAMMING

NAME- SOHAN SAHA

USN- 22BTRAD029

```
1- object UserInputAndTypeConversion {  
2-   def main(args: Array[String]): Unit = {  
3     println("Enter a value:")  
4     val userInput = scala.io.StdIn.readLine()  
5     println("Choose the desired return type (1, 2, 3):")  
6     println("1. Integer")  
7     println("2. Double")  
8     println("3. String")  
9     val choice = scala.io.StdIn.readInt()  
10-    val result = choice match {  
11      case 1 => userInput.toDouble.toInt  
12      case 2 => userInput.toDouble  
13      case 3 => userInput.toString  
14      case _ => "Invalid choice"  
15    }  
16    println(s"Result with the desired return type: $result")  
17    println(s"Data type shown: " + result.getClass.getSimpleName )  
18  }  
19 }
```

STDIN

1
2

Output:

Enter a value:
Choose the desired return type (1, 2, 3):
1. Integer
2. Double
3. String
Result with the desired return type: 1.0
Data type shown: Double