

UserInteractionDemo.java

```
1 package class5;
2
3 import java.util.Scanner;
4
5 public class UserInteractionDemo {
6
7     public static void main(String[] args) {
8         // simple user interaction
9         System.out.println("----- SIMPLE USER INTERACTION
-----");
10        Scanner userInput = new Scanner(System.in);
11        System.out.println("Please enter your first name: ");
12        String fName = userInput.nextLine();
13        System.out.println("Hello " + fName + ", nice to meet you.");
14
15        // interaction with data conversion
16        System.out.println("----- INTERACTION WITH DATA CONVERSION
-----");
17        System.out.println("Please enter your age in years: ");
18        String age = userInput.nextLine();
19        System.out.println("In 10 years you will be " + (Integer.valueOf(age) + 10) + " years
old.");
20
21        // string manipulations
22        System.out.println("----- STRING MANIPULATIONS
-----");
23        System.out.println(fName.toUpperCase());
24        System.out.println(fName.toLowerCase());
25        System.out.println(fName.substring(2));
26        System.out.println(fName.charAt(2));
27
28    } // end main
29
30 } // end UserInteractionDemo
```