

Exercise 1

```
import java.util.Scanner;

public class ScannerExperiments {

    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.println("What is your name?");
        String name = input.nextLine();
        System.out.println("It's me, " + name + "!");
    }
}
```

Please first read through this piece of code: What do you expect to happen if the user types “Mario” on the keyboard after they are asked for their name? Note the output you expect to be printed to the console.

Exercise 2

What do you think is returned from the `Scanner` named `input` if you use it this way?

```
input.nextInt();
```

instead of:

```
input.nextLine();
```

Ask the user their name, surname, age and weight (in kilos, with a precision of 100g). Print the result.

```
import java.util.Scanner;

public class ScannerExperiments {

    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);

        // Ask name, surname, age and weight. Print the result.
    }
}
```

Exercise 3

A customer enters in a shop to buy some good. Let's say milk boxes. We simulate a simple cash register. The user is the cashier and uses our cash register to calculate the total price and the rest for the customer.

Our cash register asks the cashier:

- How many boxes the customer has bought.
- The price for each box.
- The amount of cash the customer gives to the cashier.

The cash register prints the total and the rest.

```
import java.util.Scanner;

public class CashRegister {

    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);

        // Ask number of boxes
        // Ask price per box
        // Ask the amount the customer gives
        // Calculate total and rest.
        // Print total and rest.
    }
}
```