Blas Kojusner

Code:

```
/**
 *
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 */
package javaapplication2;
import java.util.*;//scanner
public class JavaApplication2 {

    public static int num1 = 1;
    public static void main(String[] args) {
        Scanner userInt = new Scanner(System.in);
        int sum = 0;
        int result;

        while (num1 > 0){
            System.out.println("Please insert integer value, or 0 to exit");
            num1 = userInt.nextInt();
                if (0 < num1 && num1 < 6){
                    result = num1 * 2;
                    sum = sum + result;
                    System.out.println("You selected a number from category 1");
                    }
                else if (5 < num1 && num1 < 11){
                    result = (num1 * 2) + 1;
                    sum = sum + result;
                    System.out.println("You selected a number from category 2");
```

```java
        }
        else if (num1 == 0){
            num1 = -1;
            System.out.println("Thanks for using the program, the sum is " + sum);
        }
        else{
            System.out.println("You inserted an unexpected value, please try again");
            num1 = 1;
        }
    }
}
}
```

2 / 6 / 8 / 11 / 0

```
run:
Please insert integer value, or 0 to exit
2
You selected a number from category 1
Please insert integer value, or 0 to exit
6
You selected a number from category 2
Please insert integer value, or 0 to exit
8
You selected a number from category 2
Please insert integer value, or 0 to exit
11
You inserted an unexpected value, please try again
Please insert integer value, or 0 to exit
0
Thanks for using the program, the sum is 34
BUILD SUCCESSFUL (total time: 6 seconds)
```

4 / 12 / 7 / 5 / 10 / 0

```
run:
Please insert integer value, or 0 to exit
4
You selected a number from category 1
Please insert integer value, or 0 to exit
12
You inserted an unexpected value, please try again
Please insert integer value, or 0 to exit
7
You selected a number from category 2
Please insert integer value, or 0 to exit
5
You selected a number from category 1
Please insert integer value, or 0 to exit
10
You selected a number from category 2
Please insert integer value, or 0 to exit
0
Thanks for using the program, the sum is 54
BUILD SUCCESSFUL (total time: 9 seconds)
```