Assignment 1

In the *labs11.assignment1* package, create the *KeyboardInput2* class with:

- a static method that reads a string from the keyboard and writes that string to the screen with an appropriate message.

(Note: *java.util.Scanner* class should be used to implement all the methods in the *KeyboardInput2* class)

In the same package, create the *TestKeyboardInput2* class. In its *main* method call the method, of the *KeyboardInput*2 class, for reading a string from the keyboard.

Add the following methods to the *KeyboardInput2* class:

- A static method that reads 5 decimal numbers from the keyboard, one by one, and prints on the console the sum of squares of the read numbers.
- A static method that reads integer values from the keyboard, one by one, until a value different than integer value is read (e.g., a letter or a special character); the method prints (to the console) the max integer value read from the keyboard.

Test all the methods within the *TestKeyboardInput2* class.

Assignment 2

In the *labs11.assignment2* package, create the *FileIO* class with the following elements:

- A public method that reads text from the file "text.txt" and prints that text to the console.
- A public method that receives two strings as its input parameters, and writes them to the file "text2.txt" (each string in a separate row).
- A public method that writes the following numbers: 45,56,67,78 in the file "numbers.out"; each number should be written in a separate row.
- A public method that reads all numbers from the "numbers.out" file and prints their sum to the screen (pay attention to the fact that each number is in a separate row).

Create the *TestFileIO* class in the *labs11.assignment2* package. In the main method of this class, create an object of the *FileIO* class and call its methods.