**FOP 2 - Lab 10**

1. Create a text file named *integers.txt* and type in it 1 2 3 4 5 6 7
2. Write a small program that creates an object file using the path of the file created in exercise 2. Then use the following methods of the File class: exists, isDirectory, getPath, setWritable and canWrite (use the java api documentation to see how you can call these methods).
3. Write a small program that reads the contents of the file created in exercise 2.
4. Write a small program that writes the following array of integers 14, 16, 25, 19, 7, 10, 28 to a file *myIntegers.txt*
5. Write a program that defines 2 static methods:

* One that takes as parameter a file path and prints every second line from the file.
* One that takes as parameters a file path and an ArrayList of Strings and writes to the file each String on a separate line.
* Test these methods by invoking them with various sets of arguments in the main method.