Programming 1

Tutorial 9

# Activity 1

Write a program that carries out the following tasks:

Open a file with the name hello.txt

Store the message "Hello, World!" in the file

Close the file

Open the same file again

Read the message into a string variable and print it

(\*) What is the location of the file hello.txt that was created?

* Use PrintWriter to write to the file.
* Use Scanner to read file’s content.

# Activity 2

Write a program that reads a file named input.txt, removes any blank lines, and writes the non-blank lines back to the file output.txt.

(\*) Create a text file named input.txt with random content and several blank lines for this task.

# Activity 3

Write a program that reads a file containing text. The file’s name is mary.txt and its content is given as below:

Mary had a little lamb

Whose fleece was white as snow.

And everywhere that Mary went,

The lamb was sure to go!

Read each line and write it to the output file, named mary2.txt, preceded by line numbers. The output file should contain:

1. Mary had a little lamb

2. Whose fleece was white as snow.

3. And everywhere that Mary went,

4. The lamb was sure to go!