Hands-On Exercises

Input and Output

Assignment 01

Write a program to count the number of times a character appears

in a File.

[Note : The character check is case insensitive... i.e, 'a' and

'A' are considered to be the same]. You can use Input.txt as the input file.

Sample Input and Output:

Enter the file name

Input.txt

Enter the character to be counted

r

File 'Input.txt' has 99 instances of letter 'r'.

Assignment 02

Write a Java program to read a file’s content line by line.

You can use test.txt as the input file.

Assignment 03

Write a program to copy contents from one file to another and

check the output. You can use inputFile.txt as the input file.

Sample Input and Output:

Enter the input file name

inputFile.txt

Enter the output file name

Output03.txt

File is copied.

Assignment 04

Write a program to count the occurrences of each word in an input

file and write the word along with its corresponding count in an

output file.

[Note: The words should be sorted alphabetically in the output

file]

(Hint : Consider using Map Collection. Google “Java Collections – Map”)

For Example, let's assume the following are the contents of

inputFile.txt

Manoj works at Ericsson

Katari works at Ericsson

Sureka works at Ericsson

Harish works at Ericsson

Anitha works at Ericsson

Janani works at Ericsson

D:\>Java FileWordCount inputFile.txt outputFile.txt

After Execution of the program the contents of outputFile.txt

should be as below

Anitha : 1

Harish : 1

Janani : 1

Katari : 1

Manoj : 1

Sureka : 1

Ericsson: 6

at : 6

works : 6

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