

Lab 10 – File IO

1. Write a JAVA program to **copy contents** of **input.txt** to **output.txt** using:
 - a. Byte Stream Classes.
 - b. Character Stream Classes.
2. Write a JAVA program to display the contents of a directory.
3. Write a program to display the listing of a given directory and its subdirectories using recursion.
4. Count the number of characters, numbers (sequence of 1 or more digits), words and lines from a file 'fileNames.txt' and place the result on the screen.
5. Write a program that reads a specified file and searches for a specified word, printing all the lines on which that word found, by preceding it with its line number.
6. Write a program to copy the contents of one file to another file using:
 - a. FileReader and FileWriter classes
 - b. FileInputStream and FileOutputStream classes
 - c. InputStream and OutputStream classes
 - d. File, Scanner and PrintWriter classes