

OBJECT ORIENTED PROGRAMMING LAB

EXERCISE SET 9

INPUT/OUTPUT

1. Write a Java program that reads a file name from the user, displays information about whether the file exists, whether the file is readable, or writable, the type of file and the length of the file in bytes.
2. Can you write a Java program, with its code in the file with name, say FileExercise.java, that reads the contents of the same file and prints it to the console ? If you can, transfer the contents of FileExercise.java to NewFileExercise.java.
3. Write a Java program that reads a file and prints the following statistics about the given file:
 - a. Number of words,
 - b. Number of whitespaces,
 - c. Number of lines,
 - d. Number of characters,
 - e. Numbers of letters, vowels and consonants and
 - f. Number of numerals (0 to 9).
4. Write a Java program that reads a file and transfers its content to another file with a line number prefixed to each line.