

Velammal College of Engineering and Technology, Madurai
Department of Computer Science and Engineering
Object oriented programming lab

Exercise 10

File I/O Handling

Team 1

1. Write a Java program 'LineCounts.java' that will count the number of lines in each files that is specified on the command line. Note that multiple files can be specified, as in **"java LineCounts file1.txt file2.txt file3.txt"**.
2. Perform the following operations by using the Java program for file handling process. Get the file name from the user. Display the information about the file with various properties like Availability of the file, Readable or Writable or both, type of the file and length of the file in bytes.
3. Write a java program using Character Stream and byte Stream for binary files.

Team 2

1. Write a Java program to read from an input file and convert the words to lower case and write it in another file.
2. 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.
3. Write a java program using Character Stream and byte Stream for binary files

Team 3

1. Create a file which stores the name and phone number of the customers in a file. Write a java application which retrieves the phone number when the name of the customer is given as input.
2. Perform the following operations by using the Java program for file handling process. Get the file name from the user. Display the information about the file with various properties like Availability of the file, Readable or Writable or both, type of the file and length of the file in bytes
3. Write a java program using Character Stream and byte Stream for binary files

Team 4

1. Create a file which stores the name and rollno number of the students in a file. Write a java application which retrieves the name when the roll number of the student is given as input.
2. 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

3. Write a java program using Character Stream and byte Stream for binary files

Team 5

1. Write a program that copies the content of one file to another by removing unnecessary space between words
2. Perform the following operations by using the Java program for file handling process. Get the file name from the user. Display the information about the file with various properties like Availability of the file, Readable or Writable or both, type of the file and length of the file in bytes
3. Write a java program using Character Stream and byte Stream for binary files

Team 6

1. Create an IN file in Java to store the details of 100 students using a STUDENT class. Read the details from IN file, convert all the letters in IN file to lowercase letters and write it in to OUT file.
2. 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
3. Write a java program using Character Stream and byte Stream for binary files

Team 7

1. Write a java program to count the number of three letter words in the file
2. Perform the following operations by using the Java program for file handling process. Get the file name from the user. Display the information about the file with various properties like Availability of the file, Readable or Writable or both, type of the file and length of the file in bytes
3. Write a java program using Character Stream and byte Stream for binary files