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**Roll No:52**

**Batch:B**

**Date:02-06-22**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 34**

**Aim:**

Write a program that reads from a file having integers. Copy even numbers and odd

numbers to separate files.

**Program:**

import java.io.\*;

public class Fileread

{

public static void main(String[] args) {

try {

FileReader fread = new FileReader("numbers.txt");

BufferedReader buf = new BufferedReader(fread);

File file1 = new File("oddnumbers.txt");

FileWriter writer1 = new FileWriter(file1);

File file2 = new File("evennumbers.txt");

FileWriter writer2 = new FileWriter(file2);

String num;

while ((num = buf.readLine()) != null) {

if (Integer.parseInt(num) % 2 == 0)

writer1.write(num + "\n");

else

writer2.write(num + "\n");

}

System.out.println("The seperate files of even and odd numbers are successfully created !!");

writer1.close();

writer2.close();

buf.close();

}

catch (Exception e) {

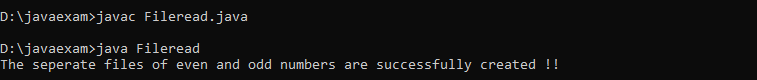
System.out.println("Error");

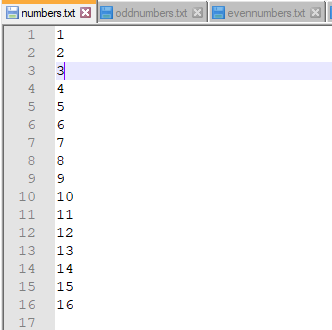
}

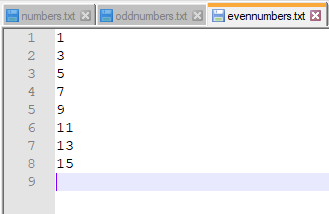
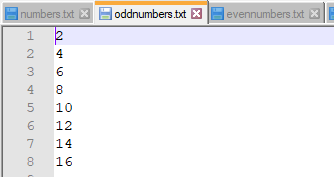
}

}

**OUTPUT:**

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