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**Batch:RMCA S2B**

**Date:31-05-2022**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: CO6\_Q4**

**Aim**

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

**Procedure**

import java.io.FileReader;

import java.io.FileWriter;

import java.io.IOException;

import java.io.\*;

import java.util.\*;

import java.io.File;

public class oddeven {

public static void main(String[] args) {

try {

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

BufferedReader br = new BufferedReader(fr);

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

FileWriter fw1 = new FileWriter(file1);

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

FileWriter fw2 = new FileWriter(file2);

String num;

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

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

fw2.write(num + "\n");

} else {

fw1.write(num + "\n");

}

}

fw1.close();

fw2.close();

}

catch (Exception e) {

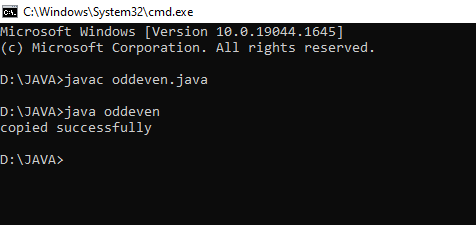
System.out.println("copied successfully");

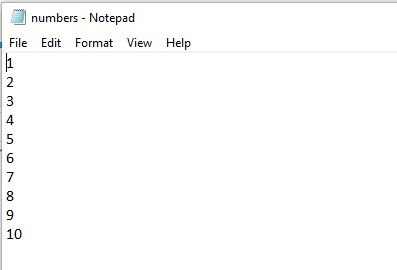
}

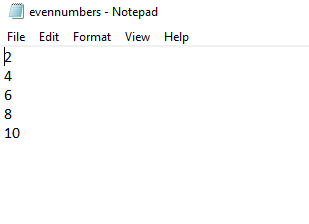
}

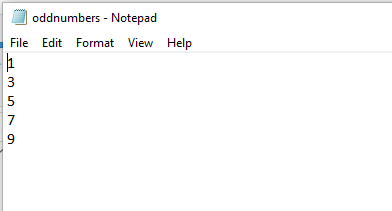
}

**Output Screenshot**

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