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**Roll No:12**

**Batch:S2 RMCA-B**

**Date:24/05/2022**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 20**

**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("Error");

}

}

}

**Output Screenshot**





