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**Roll No: 45**

**Batch: S2 MCA**

**Date: 31-05-2022**

**OBJECT ORIENTED PROGRAMING LAB**

**Experiment No.: 38**

**Aim**

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

**Procedure**

import java.io.FileInputStream;

import java.io.FileOutputStream;

import java.io.IOException;

public class EO\_Copy{

public static void main(String[] args) throws IOException {

FileInputStream source = new FileInputStream ("source.txt");

FileOutputStream destination\_odd = new FileOutputStream ("odd.txt");

FileOutputStream destination\_even = new FileOutputStream ("even.txt");

int i;

while((i = source.read()) != -1){

if(i%2==0) {

destination\_even.write(i);

}

else {

destination\_odd.write(i);}

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

source.close();

destination\_even.close();

destination\_odd.close();

}

}

**Output Screenshot**



  