

OBJECT ORIENTED PROGRAMING LAB**Experiment No.: 38****Name: Susan Sebastian****Roll No: 45****Batch: S2 MCA****Date: 31-05-2022****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

```
D:\JAVA PROGRAMS - 45\C06>java CpyFile  
Successfully copied one file to another
```

source.txt	even.txt	odd.txt
1 1		
2 2		
3 3		
4 4		
5 5		
6 6		
7 7		
8 8		
9 9		

source.txt	even.txt	odd.txt
1	2	
2	2	
3		
4	4	
5		
6	6	
7		
8	8	
9		

source.txt	even.txt	odd.txt
1	1	
2		
3	3	
4		
5	5	
6		
7	7	
8		
9	9	