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| **Name : Upas Nath**  **Roll No : 47**  **Batch : B**  **Date : 31-05-22** |

**OBJECT ORIENTED PROGRAMING LAB**

**Experiment No.: 20**

# Aim

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

**Source Code**

import java.io.FileInputStream;

import java.io.FileOutputStream;

import java.io.IOException;

public class OddEvenFile

{

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

FileInputStream source = new FileInputStream ("Main.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**

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