

1. Write the program to read the content of one.txt file and write the content to the two.txt file using BufferedInputStream and BufferedOutputStream.

```

1  import java.io.BufferedInputStream;
1  import java.io.BufferedOutputStream;
2  import java.io.FileInputStream;
3  import java.io.FileOutputStream;
4
5  public class Main {
6      public static void main(String[] args) {
7          try {
8              BufferedInputStream in = new BufferedInputStream(new FileInputStream("one.txt"));
9              BufferedOutputStream out = new BufferedOutputStream(new FileOutputStream("two.
txt"));
10             int byteData;
11             while ((byteData = in.read()) != -1){
12                 out.write(byteData);
13             }
14             in.close();
15             out.close();
16         } catch (Exception ex){
17             System.out.println(ex);
18         }
19     }
20 }
21 }

```

```

[nathan@archlinux Java]$ ls
Main.class Main.java one.txt two.txt
[nathan@archlinux Java]$ cat one.txt
This Is Some Random Text
[nathan@archlinux Java]$

[nathan@archlinux Java]$ cat two.txt
This Is Some Random Text
[nathan@archlinux Java]$

```

NORMAL Main.java java 1:1 Top

[0] 0:0:0 1:nvim-

2.

3. Rewrite the program from Question no 5 using BufferedReader and BufferedWriter.

```

12 import java.io.FileReader;
11 import java.io.FileWriter;
10 import java.io.BufferedReader;
9  import java.io.BufferedWriter;
8
7  public class Main {
6      public static void main(String[] args) {
5          try {
4              BufferedReader in = new BufferedReader(new FileReader("one.txt"));
3              BufferedWriter out = new BufferedWriter(new FileWriter("two.txt"));
2              int charData;
1              while ((charData = in.read()) != -1){
13                 out.write(charData);
1
14             }
2             in.close();
3             out.close();
4         } catch (Exception ex){
5             System.out.println(ex);
6         }
7     }
8 }
9 }

```

```

[nathan@archlinux Java]$ ls
Main.class Main.java one.txt two.txt
[nathan@archlinux Java]$ ls
Main.class Main.java one.txt two.txt
[nathan@archlinux Java]$ cat one.txt
This Is Some Random Text
[nathan@archlinux Java]$

[nathan@archlinux Java]$ cat two.txt
This Is Some Random Text
[nathan@archlinux Java]$

```

NORMAL Main.java java 13:34 59%

[0] 0:0:0 1:bash-

4. You have the text file with the given number range from 1 to 10. Each number is separated by space in between. Write the program to read the number from the text file then write the odd number into odd.txt file and even number into even.txt file.

The program should have the following methods.

- a. `public List<Integer> read(String filePath);`
- b. `public List<Integer> getEven(List<Integer> numbers);`

8. With the reference of Question 5. Read the content from the csv file and export it to the text file. Here, the name of the text file should be the name of the header in the csv file and the content of the text file should be the value in the header.

For Example :-

CSV File

FIRST_NAME, LAST_NAME, ADDRESS, CONTACT_NUMBER, SEMESTER

John,Doe,123 Main St, Anytown USA,555-1234,Fall 2023

Jane,Smith,456 Oak Rd, Somecity NY,555-5678,Spring 2024

Michael,Johnson,789 Elm Blvd, Othertown CA,555-9012,Summer 2023

Emily,Williams,321 Maple Ave, Somewhere FL,555-3456,Fall 2024

David,Brown,654 Pine St, Anycity TX,555-7890,Spring 2023

FIRST_NAME.txt file

John

Jane

Michael

Emily

David

LAST_NAME.txt file

Doe

Smith

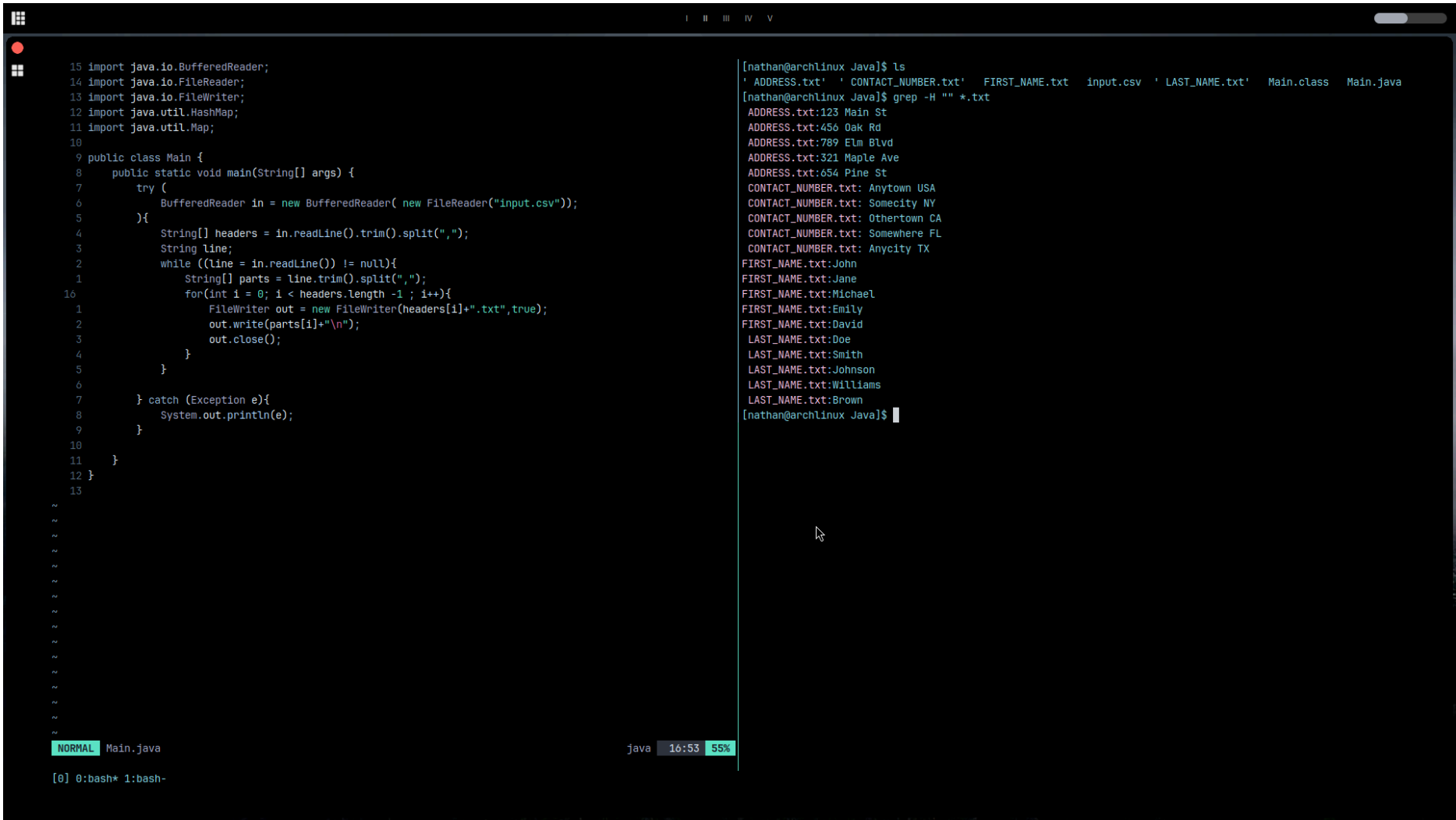
Johnson

Williams

Brown

and so on.

Note: Make sure to create your own text file and content.



Seperated everything in their own files.