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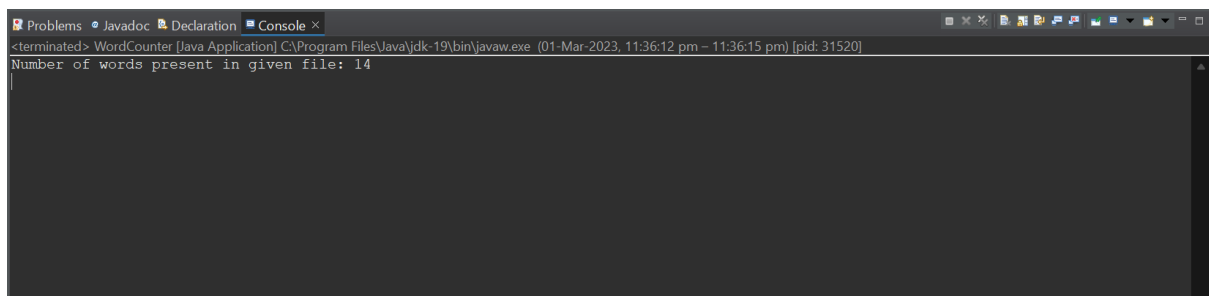
Tecnotree,Mysore

Java assignment -7

1.Create a program that reads in a text file and counts the number of words in the file. The program should display the total number of words at the end.

<https://codeshare.io/6pknrN>

OUTPUT :

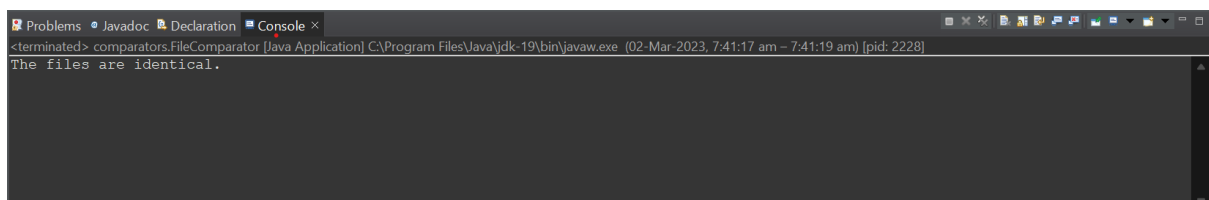


```
Problems Javadoc Declaration Console x
<terminated> WordCounter [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 11:36:12 pm - 11:36:15 pm) [pid: 31520]
Number of words present in given file: 14
```

2.Create a program that reads in two text files and compares them to see if they are identical. The program should display a message indicating whether the files are identical or not.

<https://codeshare.io/90Lwp7>

OUTPUT :

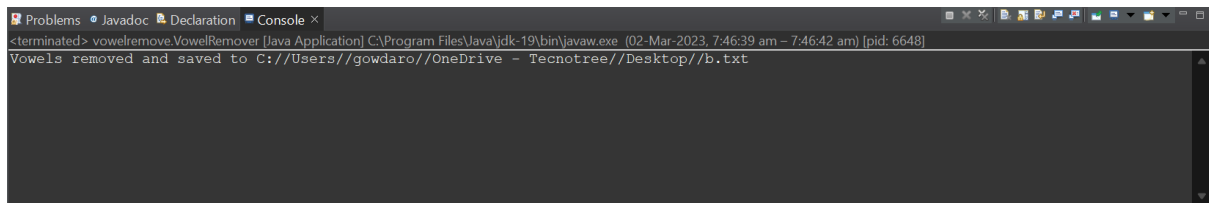


```
Problems Javadoc Declaration Console x
<terminated> comparators.FileComparator [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 7:41:17 am - 7:41:19 am) [pid: 2228]
The files are identical.
```

3.Create a program that reads in a text file and creates a new file that contains the same text, but with all the vowels removed.

<https://codeshare.io/mpbkLo>

OUTPUT :

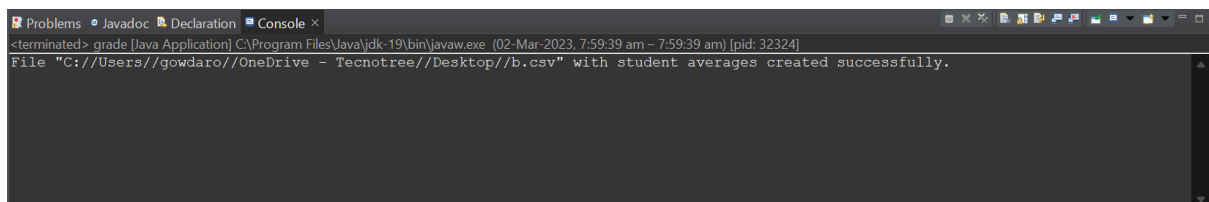


```
Problems Javadoc Declaration Console x
<terminated> vowelremove.VowelRemover [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 7:46:39 am - 7:46:42 am) [pid: 6648]
Vowels removed and saved to C://Users//gowdaro//OneDrive - Tecnotree//Desktop//b.txt
```

4.Create a program that reads in a CSV file containing student grades, and calculates the average grade for each student. The program should then write the results to a new CSV file.

<https://codeshare.io/VZEYj6>

OUTPUT :



```
Problems Javadoc Declaration Console x
<terminated> grade [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 7:59:39 am - 7:59:39 am) [pid: 32324]
File "C://Users//gowdaro//OneDrive - Tecnotree//Desktop//b.csv" with student averages created successfully.
```

5.Create a program that reads in a binary file containing image data, and displays the image on the screen.

<https://codeshare.io/9OLwP7>

OUTPUT :

```
1 package assignment7;
2
3 import java.io.FileInputStream;
4 import java.io.IOException;
5 import javax.swing.ImageIcon;
6 import javax.swing.JFrame;
7 import javax.swing.JLabel;
8
9 public class binaryimg {
10     public static void main(String[] args) {
11         String fileName = "C://Users//gowdaro//OneDrive - Tecnotree//Desktop//f .bmp";
12
13         try (FileInputStream fis = new FileInputStream(fileName)) {
14             byte[] imageData = fis.readAllBytes();
15             ImageIcon imageIcon = new ImageIcon(imageData);
16             JLabel imageLabel = new JLabel(imageIcon);
17             JFrame frame = new JFrame();
18             frame.add(imageLabel);
19             frame.pack();
20             frame.setVisible(true);
21         } catch (IOException e) {
22             System.err.format("IOException: %s\n", e);
23             return;
24         }
25     }
26 }
```