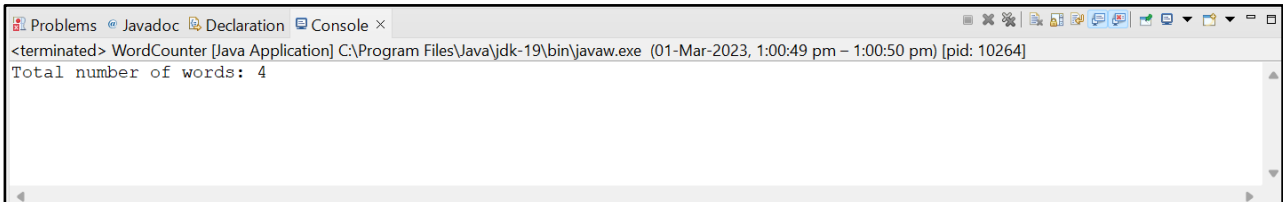


Java Assignment – 07

Topic: File handling in Java

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.

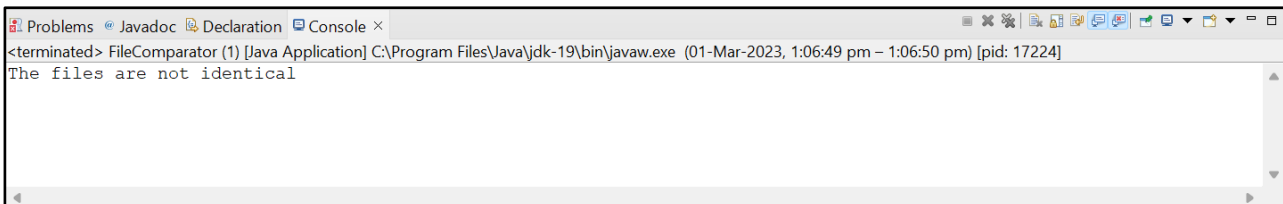
<https://codeshare.io/9OLNW1>



```
Problems Javadoc Declaration Console ×
<terminated> WordCounter [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 1:00:49 pm – 1:00:50 pm) [pid: 10264]
Total number of words: 4
```

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.

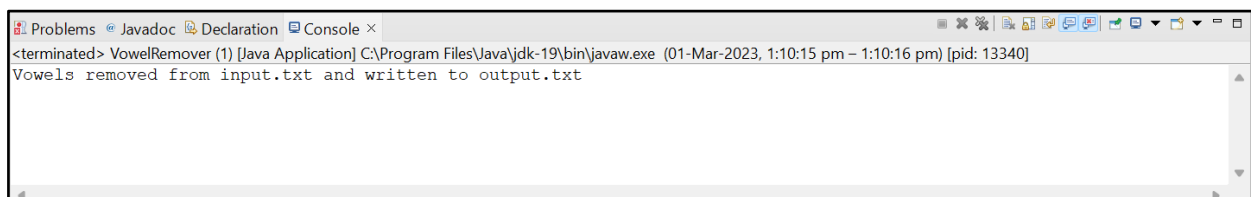
<https://codeshare.io/MNEPxO>



```
Problems Javadoc Declaration Console ×
<terminated> FileComparator (1) [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 1:06:49 pm – 1:06:50 pm) [pid: 17224]
The files are not 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/oQ3gjX>



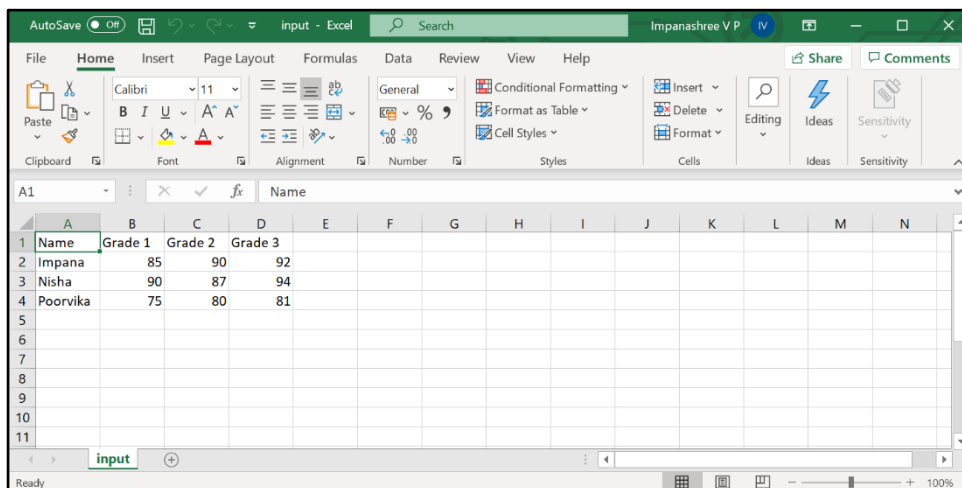
```
Problems Javadoc Declaration Console ×
<terminated> VowelRemover (1) [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 1:10:15 pm – 1:10:16 pm) [pid: 13340]
Vowels removed from input.txt and written to output.txt
```

```
input - Notepad
File Edit View
Hello Nisha
hello poorvika
```

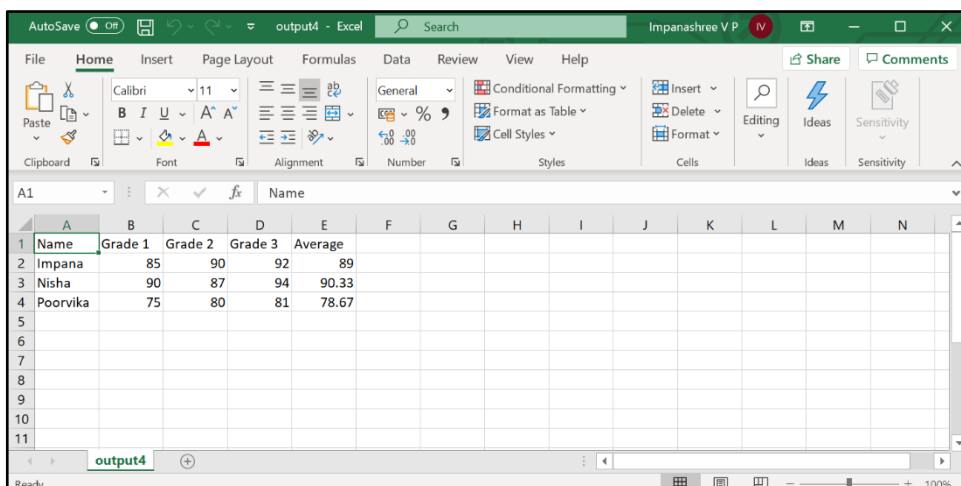
```
output - Notepad
File Edit View
Hll Nsh
hll prvk
```

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/vwjq6K>



Name	Grade 1	Grade 2	Grade 3
Impana	85	90	92
Nisha	90	87	94
Poorvika	75	80	81



Name	Grade 1	Grade 2	Grade 3	Average
Impana	85	90	92	89
Nisha	90	87	94	90.33
Poorvika	75	80	81	78.67

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

<https://codeshare.io/lonOpd>