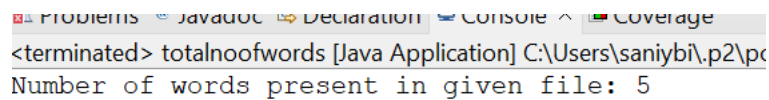


Assignment 7

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.

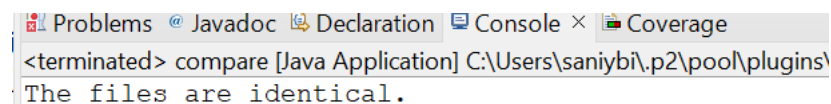
CodeLink: <https://codeshare.io/dwQrOM>



```
<terminated> totalnoofwords [Java Application] C:\Users\saniybi\p2\pc
Number of words present in given file: 5
```

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.

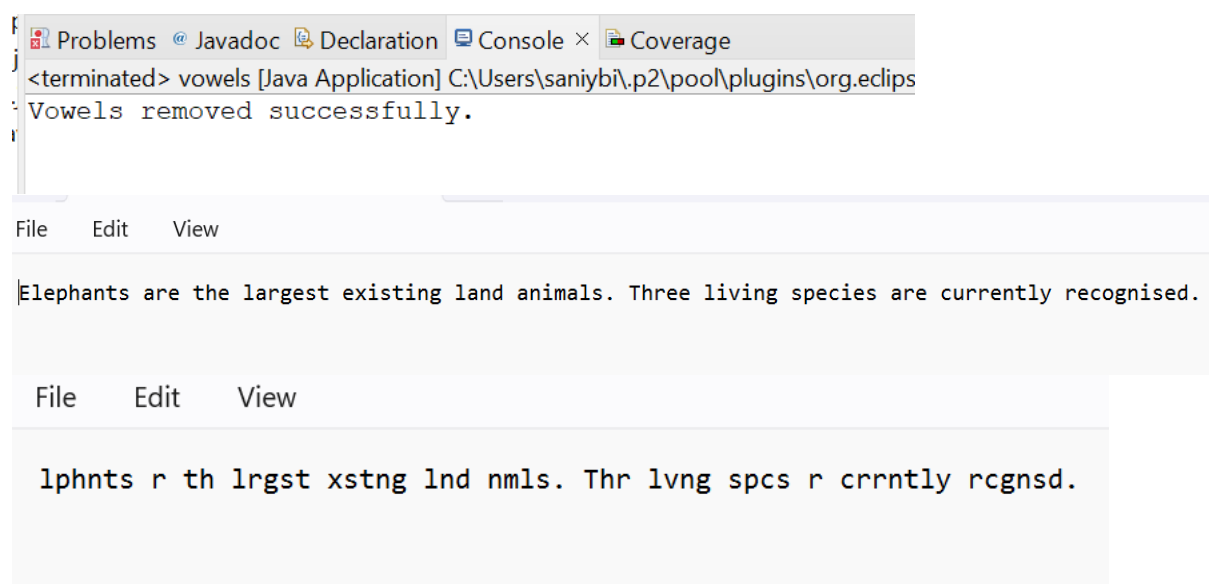
CodeLink: <https://codeshare.io/8pljJB>



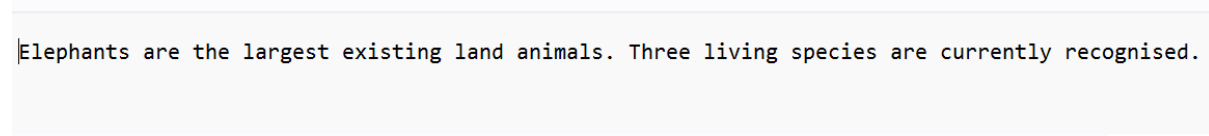
```
<terminated> compare [Java Application] C:\Users\saniybi\p2\pool\plugins\
The files are identical.
```

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.

CodeLink: <https://codeshare.io/mpbYO1>

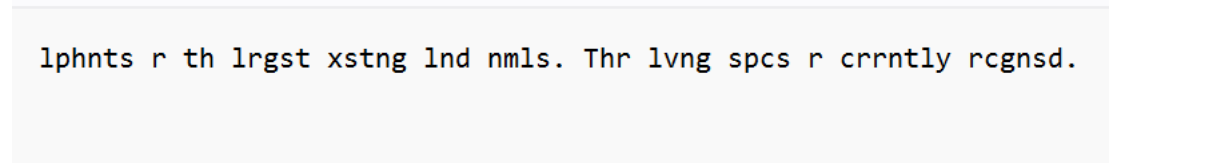


```
<terminated> vowels [Java Application] C:\Users\saniybi\p2\pool\plugins\org.eclips
Vowels removed successfully.
```

File Edit View

Elephants are the largest existing land animals. Three living species are currently recognised.



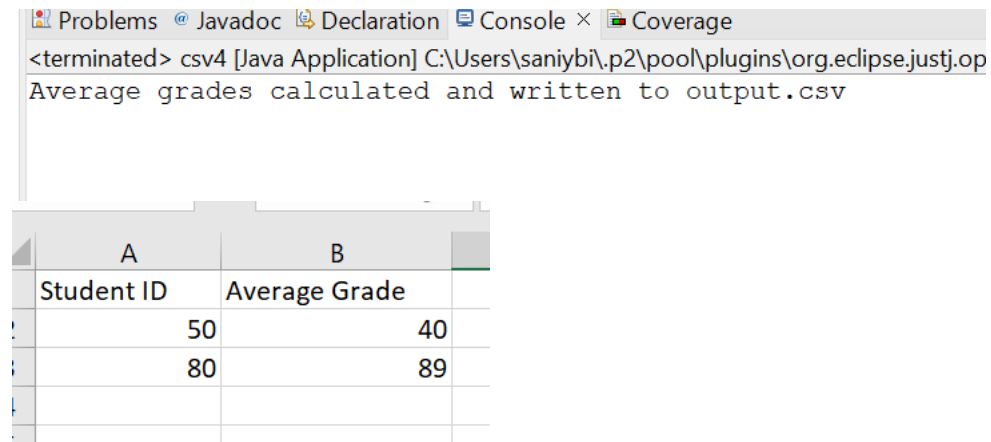
File Edit View

lphnts r th lrgst xstng lnd nmls. Thr lvng spcs r crrently rcgnsd.

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.

CodeLink: <https://codeshare.io/qPmWnj>



The screenshot shows the Eclipse IDE interface. The top bar includes tabs for Problems, Javadoc, Declaration, Console, and Coverage. The Console tab is active, displaying the output: `<terminated> csv4 [Java Application] C:\Users\saniybi\p2\pool\plugins\org.eclipse.justj.op` followed by `Average grades calculated and written to output.csv`. Below the console, a CSV file named `output.csv` is open, showing a table with two columns: `Student ID` and `Average Grade`. The table contains two rows of data: `50` and `40` in the first row, and `80` and `89` in the second row.

Student ID	Average Grade
50	40
80	89

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

CodeLink: <https://codeshare.io/vwjWo7>