ASSIGNMENT-07

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/DZEjLm

<terminated> q5 (1) [Java Application] C:\Users\shettma\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.f
Number of unique words in the 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.
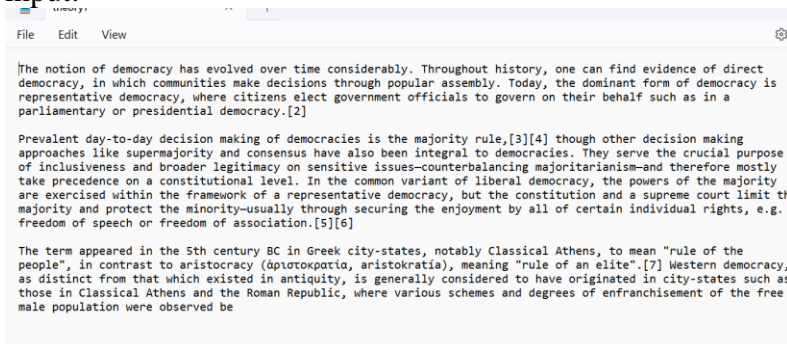https://codeshare.io/PdEVvM

<terminated> q2 (2) [Java Application] C:\Users\shettma\.p2\pool\plugins\org.eclipse.justj.ope
Files are not identical. Difference found at line 1.

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/qPmbjR

input:

File   Edit   View   ⚙

The notion of democracy has evolved over time considerably. Throughout history, one can find evidence of direct
democracy, in which communities make decisions through popular assembly. Today, the dominant form of democracy is
representative democracy, where citizens elect government officials to govern on their behalf such as in a
parliamentary or presidential democracy.[2]

Prevalent day-to-day decision making of democracies is the majority rule,[3][4] though other decision making
approaches like supermajority and consensus have also been integral to democracies. They serve the crucial purpose
of inclusiveness and broader legitimacy on sensitive issues—counterbalancing majoritarianism—and therefore mostly
take precedence on a constitutional level. In the common variant of liberal democracy, the powers of the majority
are exercised within the framework of a representative democracy, but the constitution and a supreme court limit the
majority and protect the minority—usually through securing the enjoyment by all of certain individual rights, e.g.
freedom of speech or freedom of association.[5][6]

The term appeared in the 5th century BC in Greek city-states, notably Classical Athens, to mean "rule of the
people", in contrast to aristocracy (ἀριστοκρατία, aristokratía), meaning "rule of an elite".[7] Western democracy,
as distinct from that which existed in antiquity, is generally considered to have originated in city-states such as
those in Classical Athens and the Roman Republic, where various schemes and degrees of enfranchisement of the free
male population were observed be

Th ntn f dmcrcy hs vlvd vr tm cnsdrbly. Thrght hstry, n cn fnd vdnc f drct dmcrcy, n whch cmmnts mk dcsns thrgh pplr
ssmbly. Tdy, th dmnnt frm f dmcrcy s rprsnttv dmcrcy, whr ctzns lct gvrnmnt ffcls t gvrn n thr bhlf sch s n
prlmntry r prsdntl dmcrcy.[2]

Prvlnt dy-t-dy dcsn mkng f dmcrcs s th mjrty rl,[3][4] thgh thr dcsn mkng pprchs lk sprmjrty nd cnsnss hv ls bn
ntgrl t dmcrcs. Thy srv th crcl prps f nclsvnss nd brdr lgtmcy n snstv sss—cntrblncng mjrtrnsm—nd thrfr mstly tk
prcdnc n cnstttnl lvl. n th cmmn vrnt f lbrl dmcrcy, th pwrs f th mjrty r xrcsd wthn th frmwrk f rprsnttv dmcrcy,
bt th cnstttn nd sprm crt lmt th mjrty nd prtct th mnrty—slly thrgh scrng th njymnt by ll f crtn ndvdl rghts, .g.
frdm f spch r frdm f ssctn.[5][6]

Th trm pprd n th 5th cntry BC n Grk cty-stts, ntbly Clsscl thns, t mn "rl f th ppl", n cntrst t rstcrcy
(ἀριστοκρατία, rstkrtí), mnng "rl f n lt".[7] Wstrn dmcrcy, s dstnct frm tht whch xstd n ntqty, s gnrlly cnsdrd t hv
rgntd n cty-stts sch s ths n Clsscl thns nd th Rmn Rpblc, whr vrs schms nd dgrs f nfrnchsmnt f th fr ml ppltn wr
bsrvd b

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/WdEVxE

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

https://codeshare.io/vwjl1k