Object Oriented Programming (Java) Lab (CS 413)

Assignment - 08
Due date: 06.03.2021

1.
(a) Create a GUI based Java application with the following action buttons and respective display boxes.
Action buttons:
Count vowels
Count consonants
Count punctuations
Capitalize
Other component: Text area and labels, Check box to change background color.
Input: Text with two or three lines
Output: as per the action event provided through the action button through display.

2. Follow Question no. 1, in place of text area, add file browser. File browser will be used to select any text file from the local machine .
Input: Select any text file from the local machine
Output: as per the action event provided through the action button through display.
[Hints: Use swing components and JFileChosser class for file browsing)

Submit on or before the due date (06.03.2021) by sending the necessary files (program file, input file, output file etc.) to cs312submit@gmail.com in a single mail as a simple attachment.