



Software Design 2 (SDN260S)

Assignment 1 (String Operations)

Due Date: Tuesday, August 13th, 2024

Marks: 20

Write a Java application that will perform the following tasks:

- Request the user to enter a sentence
- Tokenize the sentence entered by the user (assume that the words of the sentence are separated by a single white space character)
- Use a regular expression to identify the words from the sentence that begin with a vowel
- Capitalize the first letter of each identified word
- Print each of the identified words on the output window, each word being printed on a new line
- Write the identified words to a text file (ensuring that no overwriting of existing information in the file being written to takes place). Each word must be written on a new line

~ End of assignment 1 ~