## **ASSIGNMENT #4**

CS 2208B

## QUESTION 1 - FLOWCHART Store the address of the string to filter and the address for the filtered string in registers Load the next value of the not t unfiltered string into a register and check if the value is 't'. Increment unfiltered string Check if the preceeding Yes No character in the string was EoS or a space Check if the Yes procceeding character in the string is an 'h' Check if the Yes No Store the value in the next procceeding character in the string is an 'e' location specified for the filtered string. increment location of pointer to filtered string location. Check if the Yes No procceeding character in the string was EoS or Not EoS a space EoS Check if the value stored was EoS. Set the unfiltered string pointer to point to the character following 'the'. Store the character following 'the' to check. Finish

## **QUESTION 2 - FLOWCHART**

