



Daffodil International University

## Department of Computer Science and Engineering

Faculty of Science & Information Technology

Lab Project, Fall 2021 @ DIU Blended Learning

Center Course Code: CSE231 (Day), Course Title:

Microprocessor, Embedded Systems and IoT

Level: 3 Term: 2

Section: I, J, K

Instructor: FJ Marks: 40

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1. Read a line of 6 characters (alphabets/numbers/other characters) from the user and check whether every character is in uppercase/lowercase and print the Uppercase letters.  
Sample Input: AhM#d!  
Output: AM
2. In “Daffodil International University” find out the no of vowels/words/digits/ spaces.
3. Write an assembly program to Read FOUR characters and Display the user inputs in the following order.

**Sample Input:** ABXY

**Sample Output:**

A<B<A<B

X>Y>X>Y

>>>>>>>

<<<XA>>>

4. Write an assembly program that will only exit when the user will press three consecutive same inputs otherwise it will just take input and show the symbol as output. Before the end of the program, it will give a message ‘Thank you. Program ends here.’

Sample Example:

Please enter anything: 6

You have entered: 6

Please enter anything: 6

You have entered: 6

Please enter anything: 6

You have entered: 6

**Thank you. Program ends here.**