NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
Department of Computer Science and Engineering
Winter Semester 2017-2018

CS2093 Hardware Laboratory

Assignment set4: String Handling

Instructions

- *All the assignments should be submitted through Eduserver.*

- *Pen drives are not permitted inside the lab.*

- *Practice problems will not be evaluated.*

Practice Questions.

1. Write a NASM program to read a string and reverse words in a string.

2. Write a NASM program to read 2 strings and concatenate them.

3. Write a NASM program to count number of words in a string.

4. Write a NASM program to read 2 strings and compare them.

5. Write a NASM program to remove duplicates from a string
   (**Example** : input: \bananas"!   output: \bans"!)

6. Write a NASM program to read a sentence and add 'an' in front of all the vowel words.

Assignment Problems.

1. Write a NASM program to count number of vowels in a given string

2. Write a NASM program to check whether a string is palindrome or not.

3. Write a NASM program to read a string and removes the occurrence of A and I from the string.

4. Write a NASM program to accept a string and encrypt the string in such a way that each character is replaced by the immediate next character. **Example:** brain as csbjo