



CSE 331L: Microprocessor Interfacing & Embedded System Lab

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EEE 332/ CSE 331

ASSIGNMENT

1. Find out the total number of consonants in the string given string.

Hints:

- Given string **must be set by you** (not from user input)
- But you have to show the string in the screen like a string output.
- Your Screen should look like this if the given string is “habijabi”

```
Sch emulator screen (80x25 chars)
Given string is:habijabi
Total number of consonants are:4
```

2. Find factorial of any number.

Hints:

- Number **must be a user input**
- Use ‘mul’ operation to achieve the result
- If given input is 5 then factorial of 5 is: **5x4x3x2x1**
- Your screen should look like this.

```
Sch emulator screen (80x25 chars)
Enter the number:_
```

```
Sch emulator screen (80x25 chars)
Enter the number:4
The factorial of the given number is:H
```

Note: Here ascii ‘H’ means decimal 72. We know factorial (4) =24. Now 24+48=72. So, the answer is correct. Now, check for input 3.