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| **LAB101 Assignment** | **Type:** | **Short Assignment** |
| **Code:** | **C.S.P0004** |
| **LOC:** | **40** |
| **Slot(s):** | **1** |

**Title**

Program to look up character that appears the most in a string.

**Background Context**

Look up character that appears the most in a string.

**Program Specifications**

Create a program to look up character that appears the most in a string.

***Function details:***

1. Enter a string
2. Display each character and times of appearance in the string
3. Display character that appears the most in the string.
4. Program continues to run if press enter, exit if press Esc.

***Expectation of User interface:***

The Program must have interface as below:

*Please enter string: String input*

*Times of appearance for each character:*

*S t r I n g p u*

*1 2 1 2 2 1 1 1*

*------------------------------------------------------------------------------*

*Characters that* appears the most:

*t i n*

*2 2 2*

**Guidelines**