

JAVASCRIPT - 1 SAU 2021 Batch 2

(S SUSHRUTHA)

1. Write a JavaScript program along with UI which accept a string as input and then does the following.

- a. Calculates the length of a string and displays on UI
 - b. Converts the string to uppercase and lowercase respectively and displays on UI
 - c. Separates the vowels and consonants - displays on UI
4. Gives an error message if any number is present in the string.

All these should be executed 1 by 1 synchronously and logged in console.



The screenshot shows a web browser window with a single tab titled 'index.html'. The address bar displays the file path 'C:/Users/sai14/OneDrive/Desktop/jsassign/index.html'. The main content area of the browser contains a vertical stack of five UI elements:

- An input text field with the placeholder text 'Enter Input String'.
- A dark gray button labeled 'Calculate Length'.
- A dark gray button labeled 'To Upper / Lower Case'.
- A dark gray button labeled 'No.Of Vowels & Consonants'.
- A dark gray button labeled 'Val Number'.

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The screenshot shows a web browser window with a single tab titled 'index.html'. The address bar displays the file path 'C:/Users/sai14/OneDrive/Desktop/jsassign/index.html'. The page content includes a text input field containing 'SpringAU2021', followed by a 'Calculate Length' button. Below this, the text 'The length of the input string is : 12' is displayed. Next is a 'To Upper / Lower Case' button, followed by two lines of output: 'The input string in UpperCase : SPRINGAU2021' and 'The input string in LowerCase : springau2021'. This is followed by a 'No.Of Vowels & Consonants' button, then two lines of output: 'No.of Vowels in the input string : 3' and 'No.of Consonants in the input string : 5'. Finally, there is a 'Val Number' button, followed by the text 'The string contains a number in it'.

index.html

File C:/Users/sai14/OneDrive/Desktop/jsassign/index.html

SpringAU2021

Calculate Length

The length of the input string is : 12

To Upper / Lower Case

The input string in UpperCase : SPRINGAU2021

The input string in LowerCase : springau2021

No.Of Vowels & Consonants

No.of Vowels in the input string : 3

No.of Consonants in the input string : 5

Val Number

The string contains a number in it