**Java Script Lab Assignments**

**Note:**

**1. Solve all the given programs using user input with the help of documet.getElementById().**

**2. Display the result in the div or span with the help of innerHTML.**

**Q1) Write a JavaScript program to check if the given number is the Prime Number or not.**

**Q2) Write a JavaScript program to check if the given String is Palindrome or not.**

**Q3) Write a JavaScript program to display the pattern as below.**

**[Note : No of row is user input]**

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**Q4) Write a JavaScript program for the below String functions.**

|  |  |
| --- | --- |
| [String length](https://www.w3schools.com/js/js_string_methods.asp#mark_length) [String charAt()](https://www.w3schools.com/js/js_string_methods.asp#mark_charat) [String slice()](https://www.w3schools.com/js/js_string_methods.asp#mark_slice) [String substring()](https://www.w3schools.com/js/js_string_methods.asp#mark_substring) [String substr()](https://www.w3schools.com/js/js_string_methods.asp#mark_substr) | [String toUpperCase()](https://www.w3schools.com/js/js_string_methods.asp#mark_touppercase) [String toLowerCase()](https://www.w3schools.com/js/js_string_methods.asp#mark_tolowercase) [String concat()](https://www.w3schools.com/js/js_string_methods.asp#mark_concat) [String trim()](https://www.w3schools.com/js/js_string_methods.asp#mark_trim) [String trimStart()](https://www.w3schools.com/js/js_string_methods.asp#mark_trimstart) [String trimEnd()](https://www.w3schools.com/js/js_string_methods.asp#mark_trimend) [String repeat()](https://www.w3schools.com/js/js_string_methods.asp#mark_repeat) [String replace()](https://www.w3schools.com/js/js_string_methods.asp#mark_replace) [String replaceAll()](https://www.w3schools.com/js/js_string_methods.asp#mark_replaceall) [String split()](https://www.w3schools.com/js/js_string_methods.asp#mark_split) |

**Q5) Explore various JavaScript Events.**

**Q6) Design a calculator application using java script like below.**

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