1. Create a button at the center of the full viewport screen. Create a random color on click of the button and apply it as background color to the screen. You can create a hex color from given array: ['1', '2', '3', '4', '5', '6', '7', '8', '9', 'A', 'B', 'C', 'D', 'E', 'F']. Freedom to use other color formats. Also, count the number of times the user has clicked on that button, If the count is greater than zero then show the round badge at the corner of the button, with count.

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2. Write a function to find out the maximum sum of the subarray. The function will accept an array of integers and a number called 'n'. The function should calculate the maximum sum of 'n' consecutive elements in the array.
For eg:
maxSum([1,2,5,2,8,1,5], 2) //10
maxSum([1,2,5,2,8,1,5], 4) // 17
maxSum([1,2,5,2,8,1,5], 1) // 8
maxSum([], 1) // null

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3. Write a program which will split an array into multiple small arrays of size as entered by the user
Eg: Given array: [1,2,3,4,5,6,7,8,9,10]
If user enters 2 as a parameter to the function then the output will be Output: [1,2] [3,4] [5,6] [7,8] [9,10]
If the array size is smaller the the given input the it will log an error
If there are 11 elements the only one element will be returned in the last array