SUBJECT : EVENT DRIVEN PROGRAMMING   **CODE:ITU 07201**

"ILI UINGIE LAB KIPIND1 KINACHOFUATA NI LAZIMA UWE UMEMALIZA HII KAZI"

S.NO	NAME OF THE PROGRAM	STATUS	SIGN
1	Write a JavaScript function that count the number of vowels in the string .execute your function on the Custom Event 'vowel' and also handle the exception when an empty string is passed in the function		
2	Write a JavaScript function that generate the following list of numbers in this fashion 3,10,5,16,8,4,2,1 ,here your function takes 3 as input and generate the rest of the numbers .so your function should take an input number (n) and generate the rest of the numbers .execute your function on the Custom Event 'magic_list' and also handle the exception when no parameter is passed in the function **hint : think of what happens in the list of numbers above when number is odd or even to contract your logic**		
3	Write a JavaScript function that return the month name and number of days in that month given month number e.g january month number =1 ,feb =2 etc .execute your function on the Custom Event 'mwezi_mtukufu' and also handle the exception when month number >12 or less<1		
4	Write a JavaScript function that generate list of prime numbers from 1 to 100. execute your function on the predefined event 'click' and also handle the exception when the string is passed in the prime function.		
5	Given any Array of n elements .Consider Array as circular Arrayi.e. element after An is A1 . Your task is to write a JavaScript function that find maximum sum of the differences between consecutive elements.your function should execute on the mousemove event **hint: Use Math.abs() JavaScript math function to handle negative differences.**		