1a.Write a JavaScript function that accepts a string as a parameter and counts the number of vowels within the string.

Text

Description automatically generated

1b. Write a JavaScript program to count the number of words in a string.

Text

Description automatically generated

2b Write a JavaScript function that accepts a string as a parameter and find the longest word within the string

Text, letter

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated

Graphical user interface

Description automatically generated

ADDEVENTLISTENER

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>event handler</title>

</head>

<body>

<p1>The addEventListener method()</p1>

<button id="Mybtn">click</button>

<script>

    const event=document.getElementById("Mybtn");

    event.addEventListener("click",myfunction);

    function myfunction()

    {

        var str="hello world";

        result(str);

    }

function result(str)

{

    var str1=str.split("");

    var str2=str1.sort();

    var str3=str2.join("");

    alert(str3);

}

</script>

</body>

</html>

Caseconversion

A screenshot of a computer

Description automatically generated with medium confidence

Reverse

Text

Description automatically generated