https://www.google.com/images/cleardot.gif<!DOCTYPE html>

<html>

<head>

<script type="text/javascript">

function multiplyBy()

{

num1 = document.getElementById("firstNumber").value;

num2 = document.getElementById("secondNumber").value;

if (num1 && num2 && num1 > 0 && num2 > 0){

document.getElementById("result").innerHTML = num1 \* num2;

}

else{

document.getElementById("result").innerHTML = "Please enter valid positibve numbers";

}

}

function addBy()

{

num1 = parseInt(document.getElementById("firstNumber").value);

num2 = parseInt(document.getElementById("secondNumber").value);

if (num1 && num2 && num1 > 0 && num2 > 0){

var x = +num1 + +num2;

document.getElementById("result").innerHTML = x;

}

else{

document.getElementById("result").innerHTML = "Please enter valid positive numbers";

}

}

</script>

<meta charset=utf-8 />

<title>JavaScript program to calculate multiplication and division of two numbers </title>

<style type="text/css">

body {margin: 30px;}

</style>

</head>

<body>

<form>

1st Number : <input type="text" id="firstNumber" /><br>

2nd Number: <input type="text" id="secondNumber" /><br>

<input type="button" onClick="multiplyBy()" Value="Multiply" />

<input type="button" onClick="addBy()" Value="Add" />

</form>

<p>The Result is : <br>

<span id = "result"></span></p>

OR <div style="margin-top: 10px;" id="result"></div>

</body>

</html>

<!DOCTYPE html>

<html>

<head>

<title>Shopping Cart</title>

<script type="text/javascript">

function submit() {

var cakeQuantity = document.getElementById("cakeQuantity").value;

var cookieQuantity = document.getElementById("cookieQuantity").value;

var cakeSelected = document.getElementById("cake").checked;

var cookieSelected = document.getElementById("cookies").checked;

if(cakeSelected && cakeQuantity && isNormalInteger(cakeQuantity)){

alert("Bill for cake = "+(parseInt(cakeQuantity)\*100))

}else if(cookieSelected && cookieQuantity && isNormalInteger(cookieQuantity)){

alert("Bill for cookies = "+(parseInt(cookieQuantity)\*50))

}else if(!cakeSelected && !cookieQuantity){

alert("Select an item");

}else{

alert("Enter a valid positive integer");

}

}

function isNormalInteger(str) {

var n = Math.floor(Number(str));

return String(n) === str && n >= 0;

}

</script>

</head>

<body>

<input type="radio" name="item" id="cake" class="input-hidden" />

<label for="cake">

<img src="img2.png" width="100px" />

</label>

<br>

<p> Cost = Rs. 100 </p>

<p>Quantity:<input type="number" id="cakeQuantity"></p>

<br>

<input type="radio" name="item" id="cookies" class="input-hidden" />

<label for="cookies">

<img src="img1.png" alt="Cookies" width="100px" />

</label>

<br>

<p> Cost = Rs. 50 </p>

<p>Quantity:<input type="number" id="cookieQuantity"></p>

<br> <br> <br>

<input type="submit" onClick="submit()" value="Order">

</body>

</html>

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width">

<title>**JavaScript program check if a given positive number is a multiple of 3 or a multiple of 7. </title>**

<script type="text/javascript" src="sample.js"></script>

</head>

<body>

<h3 style="text-align:center">Check the divisibility of a number</h3><br>

<form>

1st Number : <input type="text" id="firstNumber" /><br>

<input type="button" onClick="test37()" Value="divisible by 3 or 7" />

</form>

<script>

function test37()

{ x = document.getElementById("firstNumber").value;

if (x % 3 == 0 || x % 7 == 0)

{

document.getElementById("result").innerHTML = true;

}

else {

document.getElementById("result").innerHTML = false;

}

}

</script>

<p>The Result is : <br>

<span id = "result"></span>

</p>

</body>

</html>

<!DOCTYPE html>

<html>

<head>

<meta charset=utf-8 />

<title>**JavaScript program to calculate multiplication and division of two numbers </title>**

<style type="text/css">

body {margin: 30px;}

</style>

</head>

<body>

<form>

1st Number : <input type="text" id="firstNumber" /><br>

2nd Number: <input type="text" id="secondNumber" /><br>

<input type="button" onClick="multiplyBy()" Value="Multiply" />

<input type="button" onClick="divideBy()" Value="Divide" />

</form>

<script>

function multiplyBy()

{

num1 = document.getElementById("firstNumber").value;

num2 = document.getElementById("secondNumber").value;

document.getElementById("result").innerHTML = num1 \* num2;

}

function divideBy()

{

num1 = document.getElementById("firstNumber").value;

num2 = document.getElementById("secondNumber").value;

document.getElementById("result").innerHTML = num1 / num2;

}

</script>

<p>The Result is : <br>

<span id = "result"></span>

</p>

</body>

</html>

<!DOCTYPE html>

<html>

<head>

<p>**Click "Try it" to display the value of each element in the form.</p>**

<script>

function myFunction() {

var x = document.getElementById("frm1");

var text = "";

var i;

for (i = 0; i < x.length ;i++) {

text += x.elements[i].value + "<br>";

}

document.getElementById("demo").innerHTML = text;

}

</script>

</head>

<body>

<form id="frm1">

First name: <input type="text" name="fname" value="Donald"><br>

Last name: <input type="text" name="lname" value="Duck"><br><br>

</form>

<button onclick="myFunction()">Try it</button>

<p id="demo"></p>

</body>

</html>

The [match()](https://www.w3resource.com/javascript/object-property-method/string-match.php) method is used to retrieve the matches when matching a string against a regular expression.  
Therefore str.match(/\w[a-z]{0,}/gi) will return ["Web", "Development", "Tutorial"].

<!DOCTYPE html>

<html>

<head>

<meta charset=utf-8 />

<title>**Combination of a word</title>**

</head>

<body>

<p id="demo"></p>

<script>

function findlongestword(str)

{

var array1 = str.match(/\w[a-z]{0,}/gi);

var result = array1[0];

for(var x = 1 ; x < array1.length ; x++)

{

if(result.length < array1[x].length)

{

result = array1[x];

}

}

return result;

}

document.getElementById("demo").innerHTML = findlongestword("Web Development programming Language");

</script>

</body>

</html>