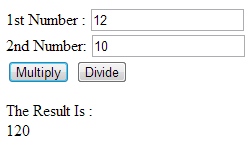
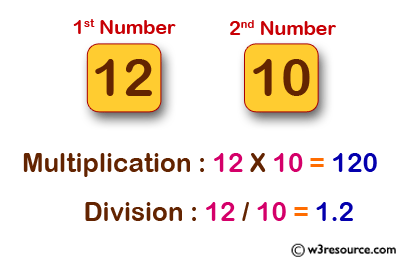
JavaScript Basic: Exercise-1 with Solution

Write a JavaScript program to calculate multiplication and division of two numbers (input from user).

Sample Form:

**Pictorial Presentation:**



**Sample Solution:**

**HTML Code:**

<!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>

<p>The Result is : <br>

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

</p>

</body>

</html>

Copy

**JavaScript Code:**

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;

}

Copy

**Explanation:**

document.getElementById(id).value: The value property sets or returns the value of the value attribute of a text field.

document.getElementById("result").innerHTM : The innerHTML property sets or returns the HTML content (inner HTML) of an element.

**ES6 Version:**

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;

}

Copy

**Live Demo:**

# **How to Auto Calculate Price in Javascript**

<!DOCTYPE html>

<html>

<body>

<h1>How to Auto Calculate Price in Javascript</h1>

<form name="frm-pin" method="post" action="pin-index-a.php">

<input type="hidden" name="mode" value="PinRequest" />

<label class="w3-text-green"><b>Number Of Pin</b></label>

<select name="tot\_pin\_requested" onchange="calculateAmount(this.value)" required>

<option value="" disabled selected>Choose your option</option>

<option value="1">1</option>

<option value="2">2</option>

<option value="3">3</option>

<option value="4">4</option>

<option value="5">5</option>

<option value="6">6</option>

<option value="7">7</option>

<option value="8">8</option>

<option value="9">9</option>

<option value="10">10</option>

</select>

<label><b>Total Amount</b></label>

<input class="w3-input w3-border" name="tot\_amount" id="tot\_amount" type="text" readonly>

<script>

function calculateAmount(val) {

var tot\_price = val \* 100;

/\*display the result\*/

var divobj = document.getElementById('tot\_amount');

divobj.value = tot\_price;

}

</script>

<body>

</html>

[Run it yourself](https://www.studentstutorial.com/code-editor/?topic=js&file_name=auto_calculate)

### **Demo**

Top of Form

**Number Of Pin**  **Total Amount** 

Bottom of Form

# Auto Calculate Total Price in Javascript

July 27, 2021 by [Brij](https://www.codermen.com/author/thecodermengmail-com/)

In this blog post, we learn how to auto calculate the total price on input change. This is task is very important when you are but an e-commerce project. where we need real-time calculation of product selection.

Auto calculate total price in Javascript

To achieve this task we use [getElementById()](https://developer.mozilla.org/en-US/docs/Web/API/Document/getElementById) . It returns an Element object representing the element whose id property matches the specified string.

### Make a simple form

HTML

|  |
| --- |
| <form>      <div class="mb-3">          <label for="inputProductPrice" class="form-label">Product Price</label>          <input type="text" class="form-control" id="inputProductPrice" oninput="myFunction()" >      </div>      <div class="mb-3">          <label for="inputGST" class="form-label">GST</label>          <input type="number" class="form-control" id="inputGST" oninput="myFunction()">      </div>      <div class="mb-3">          <label for="inputDelivery" class="form-label">Delivery Charge</label>          <input type="number" class="form-control" id="inputDelivery" oninput="myFunction()">      </div>      <hr>          <h4>Total Price: <span id="totalPrice">0</span></h4>  </form> |

**Javascript**

|  |
| --- |
| <script>      function myFunction() {          var price = document.getElementById("inputProductPrice").value;          var gst = document.getElementById("inputGST").value;          var delivery = document.getElementById("inputDelivery").value;          var total = +price + +gst + +delivery;          document.getElementById("totalPrice").innerHTML = total;        }  </script> |