

JavaScript Math abs() method

The JavaScript math **abs()** method returns an absolute value of a given number. The **abs()** is a static method of **Math**.

Syntax

The abs() method is represented by the following syntax:

```
Math.abs(num)
```

Parameter

num - A number.

Return

An absolute value of a number.



JavaScript Math abs() method example

Here, we will understand abs() method through various examples.

Example 1

Let's see an example to print the absolute value of a number.

```
<script>  
document.writeln(Math.abs(-4)+"<br>");  
document.writeln(Math.abs(-7.8)+"<br>");
```

```
document.writeln(Math.abs('-4'));  
</script>
```

Test it Now

Output:

```
4  
7.8  
4
```

Example 2

Let's see some cases where abs() method returns 0.

```
<script>  
document.writeln(Math.abs(null)+"<br>");  
document.writeln(Math.abs([])+"<br>");  
document.writeln(Math.abs(""));  
</script>
```

Test it Now

Output:

```
0  
0  
0
```

Example 3

Let's see some cases where abs() method returns NaN.

```
<script>  
document.writeln(Math.abs("string")+"<br>");  
document.writeln(Math.abs([2,3])+"<br>");  
document.writeln(Math.abs());  
</script>
```

Test it Now**Output:**

NaN

NaN

NaN

Example 4

Let's understand the abs() method with your own test cases.

```
<script>
function display()
{
  var x=document.getElementById("num").value;
  document.getElementById("result").innerHTML=Math.abs(x);
}
</script>
<form>
  Enter a number: <input type="text" id="num">
  <input type="button" onclick="display()" value="submit">
</form>
<p><span id="result"></span></p>
```

Test it Now