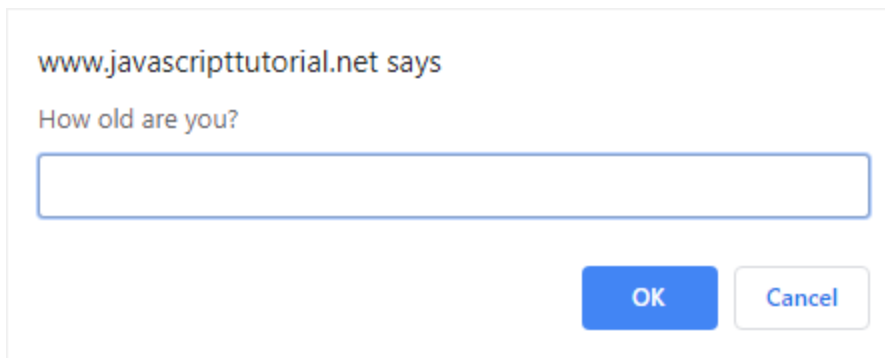


JavaScript prompt

Summary: in this tutorial, you will learn how to use the JavaScript `prompt()` method to display a dialog with a message prompting for user input.

Introduction to JavaScript `prompt()` method

The `prompt()` is a method of the `window` object. The `prompt()` method instructs the web browser to display a dialog with a text, text input field, and two buttons `OK` and `Cancel` .



The dialog prompts the user to enter some text and wait until the user either submits or cancels it. The following illustrates the syntax of the `prompt()` method:

```
let result = window.prompt(message, default);
```

In this syntax:

- The `message` is a string to display. If you omit it, nothing will display on the dialog.
- The `default` is a string containing the default value of the text input field.

The result is a string that contains the text entered by the user or `null` .

Like `alert()` and `confirm()` , the `prompt()` is modal and synchronous. In other words, the code execution stops when the dialog is displayed and resumes after the dialog has been dismissed.

JavaScript prompt() examples

Let's take some examples to see how the `prompt()` works.

1) Display a prompt dialog

The following example uses the `prompt()` to display a dialog that prompts users for their favorite programming languages:

```
let lang = prompt('What is your favorite programming language?');

let feedback = lang.toLowerCase() === 'javascript' ? `It's great!` :
  `It's ${lang}`;

alert(feedback);
```

2) Convert a user input to a number

The result of the `prompt()` is a string. If you want to get the answer as a number, you should always cast the string into a number.

The following example uses `prompt()` to display a dialog that asks users for their ages. If users are 16 years old or above, they are eligible to join. Otherwise, they will not be.

```
let ageStr = prompt('How old are you?');
let age = Number(ageStr);

let feedback = age >= 16 ?
  'You're eligible to join.' :
  'You must be at least 16 year old to join.';

alert(feedback);
```

Summary

- The `prompt()` is a method of the `window` object.

- The `prompt()` shows a dialog that prompts the user to enter a text and wait until the user submit or cancel the dialog.
- The `prompt()` returns a string containing a string entered by the user or `null` if the user did not enter anything.