

storeItem()

Stores a value in the web browser's local storage.

Web browsers can save small amounts of data using the built-in `localStorage` object. Data stored in `localStorage` can be retrieved at any point, even after refreshing a page or restarting the browser. Data are stored as key-value pairs.

`storeItem()` makes it easy to store values in `localStorage` and `getItem()` makes it easy to retrieve them.

The first parameter, `key`, is the name of the value to be stored as a string.

The second parameter, `value`, is the value to be stored. Values can have any type.

Note: Sensitive data such as passwords or personal information shouldn't be stored in `localStorage`.

Examples

Feist: 1234

```
function setup() {
  createCanvas(100, 100);

  // Store the player's name.
  storeItem('name', 'Feist');

  // Store the player's score.
  storeItem('score', 1234);

  describe('The text "Feist: 1234" written in black on a gray background.');
}

function draw() {
  background(200);

  // Style the text.
  textAlign(CENTER, CENTER);
  textSize(14);

  // Retrieve the name.
  let name = getItem('name');

  // Retrieve the score.
  let score = getItem('score');

  // Display the score.
  text(` ${name}: ${score}`, 50, 50);
}
```

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```
function setup() {
  createCanvas(100, 100);

  // Create an object.
  let p = { x: 50, y: 50 };

  // Store the object.
  storeItem('position', p);

  describe('A white circle on a gray background.');
}

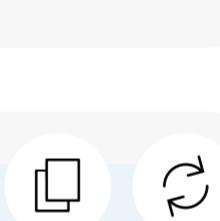
function draw() {
  background(200);

  // Retrieve the object.
  let p = getItem('position');

  // Draw the circle.
  circle(p.x, p.y, 30);
}
```

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```
function setup() {
  createCanvas(100, 100);

  // Create a p5.Color object.
  let c = color('deeppink');

  // Store the object.
  storeItem('color', c);

  describe('A pink circle on a gray background.');
}

function draw() {
  background(200);

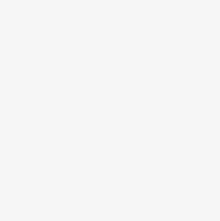
  // Retrieve the object.
  let c = getItem('color');

  // Style the circle.
  fill(c);

  // Draw the circle.
  circle(50, 50, 30);
}
```

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Syntax

`storeItem(key, value)`



Parameters

`key` String: name of the value.
`value` String|Number|Boolean|Object|Array: value to be stored.

This page is generated from the comments in `src/data/local_storage.js`. Please feel free to edit it and submit a pull request!

Related References

`clearStorage`
Removes all items in the web browser's local storage.

`getItem`
Returns a value in the web browser's local storage.

`removeItem`
Removes an item from the web browser's local storage.

`storeItem`
Stores a value in the web browser's local storage.

