

createWriter()

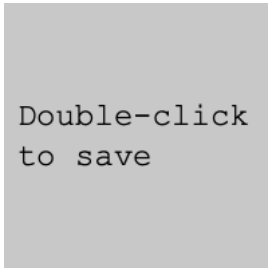
Creates a new **p5.PrintWriter** object.

p5.PrintWriter objects provide a way to save a sequence of text data, called the *print stream*, to the user's computer. They're low-level objects that enable precise control of text output. Functions such as **saveStrings()** and **saveJSON()** are easier to use for simple file saving.

The first parameter, **filename**, is the name of the file to be written. If a string is passed, as in `createWriter('words.txt')`, a new **p5.PrintWriter** object will be created that writes to a file named `words.txt`.

The second parameter, **extension**, is optional. If a string is passed, as in `createWriter('words', 'csv')`, the first parameter will be interpreted as the file name and the second parameter as the extension.

Examples



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

  background(200);

  // Style the text.
  textAlign(LEFT, CENTER);
  textFont('Courier New');
  textSize(12);

  // Display instructions.
  text('Double-click to save', 5, 50, 90);

  describe('The text "Double-click to save" written in black
on a gray background.');
```

```
}

// Save the file when the user double-clicks.
function doubleClicked() {
  if (mouseX > 0 && mouseX < 100 && mouseY > 0 && mouseY <
100) {
    // Create a p5.PrintWriter object.
    let myWriter = createWriter('xo.txt');

    // Add some lines to the print stream.
    myWriter.print('XOO');
    myWriter.print('OXO');
    myWriter.print('OOX');
```



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

  background(200);

  // Style the text.
  textAlign(LEFT, CENTER);
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  // Display instructions.
  text('Double-click to save', 5, 50, 90);

  describe('The text "Double-click to save" written in black
on a gray background.');
```

```
}

// Save the file when the user double-clicks.
function doubleClicked() {
  if (mouseX > 0 && mouseX < 100 && mouseY > 0 && mouseY <
100) {
    // Create a p5.PrintWriter object.
    // Use the file format .csv.
    let myWriter = createWriter('mauna_loa_co2', 'csv');

    // Add some lines to the print stream.
    myWriter.print('date,ppm_co2');
    myWriter.print('1960-01-01,316.43');
```

Syntax

```
createWriter(name, [extension])
```

Parameters

name	String: name of the file to create.
extension	String: format to use for the file.

Returns

p5.PrintWriter: stream for writing data.

This page is generated from the comments in [src/io/files.js](#). Please feel free to edit it and submit a pull request!

Related References

clear Clears all data from the print stream.	close Saves the file and closes the print stream.	print Writes data to the print stream with new lines added.	write Writes data to the print stream without adding new lines.
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p5.js

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