

# createWriter()

*stream*, to the user's computer. They can then read the text output. Functions such as `save()`

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`.

`createWriter( 'words' , 'csv' )`, the first parameter will be interpreted as the file name and the second parameter as the extension.



Double-click  
to save

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

```
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);
  textSize(12);
  font('Courier New');
  strokeWeight(2);
  stroke(255, 0, 0);
  fill(255, 255, 255);
  noStroke();
  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');

      // Write the file to disk.
      myWriter.flush();
      myWriter.close();
    }
  }
}

// Load the saved file and display its contents.
function draw() {
  if (myWriter) {
    let fileContents = myWriter.read();
    console.log(fileContents);
  }
}
```

```
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');

    // Close the writer.
    myWriter.close();
  }
}
```

## p5.PrintWriter

This page is generated from the comments in the database.

clear	close
Clears all data from the print stream.	Saves the current state of the print stream.

stream.  
new lines added.  
adding new lines.