

# Do the Work Solution: Practice Reading CSV Data

I added my code directly to an HTML file in a script element.

```
1. window.onload = function() {
2.     readData("Icecream.csv");
3. };
4.
5. function readData(file) {
6.     d3.csv(file, processData)
7.         .then((data) => analyzeData(data))
8.         .catch((error) => console.log("Error: ", error.message));
9. }
10. function processData(datum) {
11.     let dataItem = {
12.         year: parseInt(datum.Year) || 0,
13.         pounds: parseInt(datum["Pounds-Sold"]) || 0,
14.         topSeller: datum["Top Seller"] || "",
15.         maxStatePerCapita: datum.Max_State_Per_Capita || ""
16.     };
17.     return dataItem;
18. }
19. function analyzeData(data) {
20. // This is the data you should see in the console
21.     console.log(data);
22. // Extra Credit
23.     let pounds = data.map((d) => d.pounds);
24.     let maxPounds = d3.max(pounds);
25.     let maxIndex = pounds.indexOf(maxPounds);
26.     console.log(data[maxIndex]);
27. }
```