

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1">
7   <meta name="description" content="Data Visualisation">
8   <meta name="keywords" content="HTML, CSS, D3">
9   <meta name="author" content="Dhanveer Ramnauth">
10  <meta name="description" content="Data Visualisation">
11
12  <title>Task 2.1 D3 Data Binding</title>
13  <script src="https://cdn.jsdelivr.net/npm/d3@7"></script>
14  <link href="css/style.css" rel="stylesheet">
15 </head>
16
17 <body>
18   <h1>The D3 Journey starts here...</h1>
19
20   <script>
21
22     let dataset = [14, 5, 26, 23, 9];
23
24     d3.select("body").selectAll("p") //selects all nonexistent p tags
25       .data(dataset) //counts and prepares data
26       .enter() //creates a new placeholder for each bit of data
27       .append("p") //appends a p element to match each placeholder
28       .text(function (d) { //the function as an input to .text
29
30         //d is the current dataset value
31
32         let text = `Joe watched ${d} cat videos today`;
33
34         text = d > 10 ? "Warning: " + text : text; //if d > 10 we put warning modifier
35
36
37         return text;
38       })
39       .style("color", function (d, i) { //d is the amount, i is the index
40         //change the color of the text for warning
41         return d > 10 ? "#ff0000" : "#000"; //can i cache d > 10?
42       })
43
44   </script>
45
46   <br>
47
48   <footer>
49     <hr>
50     Data Visualisation <br>Dhanveer Ramnauth
51   </footer>
52
53 </body>
54
55 </html>
```