

```
<> index.html x # style.css JS app.js
Counter ▸ <> index.html ▸ HTML
1  <!DOCTYPE html>
2  <HTML>
3      <head>
4          <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
5          <meta name="viewport" content="width=device-width, initial-scale=1.0">
6          <title>
7              counter
8          </title>
9          <link rel="stylesheet" href="style.css">
10     </head>
11     <body>
12         <main>
13             <div class="container">
14                 <h1>Counter</h1>
15                 <span id="value">0</span>
16
17                 <div class="btn-container">
18                     <button class="btn random">Random</button>
19                     <button class="btn Reset">Reset</button>
20                     <button class="btn increment">+1</button>
21                     <button class="btn decrement">-1</button>
22                 </div>
23             </div>
24         </main>
25         <script src="app.js"></script>
26     </body>
27 </HTML>
```

Counter ▸ JS app.js ▸ btns.forEach() callback ▸ btn.addEventListener('click') callback

```
1  const value = document.querySelector('#value')
2  const btns = document.querySelectorAll('.btn')
3
4  let count = 0
5
6  btns.forEach((btn) => {
7    btn.addEventListener('click', (button) => {
8      const styles = button.currentTarget.classList
9      if (styles.contains('random')){
10        getRandomNum()
11        console.log("click")
12      }
13      else if (styles.contains('Reset')){
14        count = 0
15      }
16      else if (styles.contains('increment')){
17        count++
18      }
19      else if (styles.contains('decrement')){
20        count--
21      }
22      else {
23        count = 0
24      }
25      value.textContent = count
26
27      if (count > 0) {
28        value.style.color = "green"
29      }
30      else if (count < 0){
31        value.style.color = "red"
32      }
33    })
34  })
```

```
35
36  getRandomNum = () => {
37    if (count > 0) {
38      count = (Math.floor(Math.random() * 100)) * -1
39    }
40    else if (count < 0) {
41      count = Math.floor(Math.random() * 100)
42    }
43    else {
44      count = Math.floor(Math.random() * 100)
45    }
46  }
47 }
48
49
```

APPDEV - Introduction to Application Development

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August 13, 2025

CSS

```
58  Global Styles
59  =====
60  */
61
62  *,
63  ::after,
64  ::before {
65      margin: 0;
66      padding: 0;
67      box-sizing: border-box;
68  }
69  body {
70      font-family: var(--ff-secondary);
71      background: var(--clr-grey-10);
72      color: var(--clr-grey-1);
73      line-height: 1.5;
74      font-size: 0.875rem;
75  }
76  ul {
77      list-style-type: none;
78  }
79  a {
80      text-decoration: none;
81  }
82  h1,
83  h2,
84  h3,
85  h4 {
86      letter-spacing: var(--spacing);
87      text-transform: capitalize;
88      line-height: 1.25;
89      margin-bottom: 0.75rem;
```

```
Counter ▸ # style.css ▸ ...
89   margin-bottom: 0.75rem;
90   font-family: var(--ff-primary);
91 }
92 ▮ h1 {
93   font-size: 3rem;
94 }
95 ▮ h2 {
96   font-size: 2rem;
97 }
98 ▮ h3 {
99   font-size: 1.25rem;
100 }
101 ▮ h4 {
102   font-size: 0.875rem;
103 }
104 ▮ p {
105   margin-bottom: 1.25rem;
106   color: var(--clr-grey-5);
107 }
108 ▮ @media screen and (min-width: 800px) {
109 ▮   h1 {
110     font-size: 4rem;
111   }
112 ▮   h2 {
113     font-size: 2.5rem;
114   }
115 ▮   h3 {
116     font-size: 1.75rem;
117   }
118 ▮   h4 {
119     font-size: 1rem;
120   }
121 ▮   body {
```

```
Counter ▸ # style.css ▸ ...
118 ▢ h4 {
119     font-size: 1rem;
120 }
121 ▢ body {
122     font-size: 1rem;
123 }
124     h1,
125     h2,
126     h3,
127 ▢ h4 {
128     line-height: 1;
129 }
130 }
131 /* global classes */
132
133 /* section */
134 ▢ .section {
135     padding: 5rem 0;
136 }
137
138 ▢ .section-center {
139     width: 90vw;
140     margin: 0 auto;
141     max-width: 1170px;
142 }
143 ▢ @media screen and (min-width: 992px) {
144 ▢     .section-center {
145         width: 95vw;
146     }
147 }
148 ▢ main {
149     min-height: 100vh;
150     display: grid;
```