

Day 8: Buttons Container

 hackerrank.com/challenges/js10-buttons-container

Objective

In this challenge, we lay out buttons inside a *div* and modify their labels after each click event on one of the buttons. Check out the attached tutorial for learning materials.

Task

We want to create nine buttons enclosed in a *div*, laid out so they form a 3×3 grid. Each button has a distinct label from **1** to **9**, and the labels on the outer buttons must rotate in the *clockwise* direction each time we click the middle button.

Complete the code in the editor so that it satisfies the following criteria:

- *Initial State.* The initial layout looks like this:
- *Element IDs.* Each element in the document must have an `id`, specified below:
 - The button container *div*'s `id` must be `btns`.
 - The initial `innerHTML` labels must have the following button `id` s:

innerHTML	id
1	btn1
2	btn2
3	btn3
4	btn4
5	btn5
6	btn6
7	btn7
8	btn8
9	btn9

1	2	3
4	5	6
7	8	9

- *Styling*. The document's elements must have the following styles:
 - The `width` of `btns` is `75%`, relative to the document body's width.
 - Each button (i.e., `btn1` through `btn9`) satisfies the following:
 - The `width` is `30%`, relative to its container width.
 - The `height` is `48px` .
 - The `font-size` is `24px` .
- *Behavior*. Each time `btn5` is clicked, the `innerHTML` text on the grid's outer buttons (i.e., `bt1` , `btn2` , `btn3` , `btn4` , `btn6` , `btn7` , `btn8` , `btn9`) must rotate in the *clockwise* direction. *Do not* update the button `id` 's.

The `.js` and `.css` files are in different directories, so use the `link` tag to provide the CSS file path and the `script` tag to provide the JS file path:

```
<!DOCTYPE html>
<html>
  <head>
    <link rel="stylesheet" href="css/buttonsGrid.css" type="text/css">
  </head>

  <body>
    <script src="js/buttonsGrid.js" type="text/javascript"></script>
  </body>
</html>
```

Explanation

Initially, the buttons look like this:

After clicking `btn5` 1 time, they look like this:

After clicking `btn5` 1 more time (for a total of 2 clicks), they look like this:

Copyright © 2020 HackerRank. All Rights Reserved

1	2	3
4	5	6
7	8	9

4	1	2
7	5	3
8	9	6

7	4	1
8	5	2
9	6	3