

Codility_

CodeCheck Report: trainingXBRWS3-EF2

Test Name:

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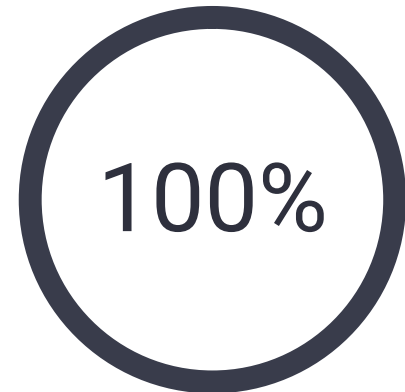
Summary

Timeline

Tasks summary

Task	Time spent	Score
Angular Like Button TypeScript	7 min	100%

Total score



Tasks Details

Easy	1. Angular Like Button	Task Score	Correctness	Performance
	Create a simple like button component with Angular 4.			
		100%	100%	Not assessed

Task description

Build a like button component using Angular (v4). Export the like button component as "LikeButtonComponent" (export class LikeButtonComponent).

Requirements:

1. There should be a like button:

Solution

Programming language used: TypeScript

Total time used: 7 minutes ?

Effective time used: 7 minutes ?

Notes: not defined yet

- The content of the like button should be in the following format: "Like | 100", where 100 is the total number of likes.
- It should have a "like-button" class.
- Wrap the number of likes in a span with a "likes-counter" class.
- The initial number of likes in the counter should be 100.

2. Users can add a like. By clicking the button:

- The number of likes should increase by one.
- Like button should have "liked" class in addition to the "like-button" class.

3. Users can undo their like by clicking again on the button:

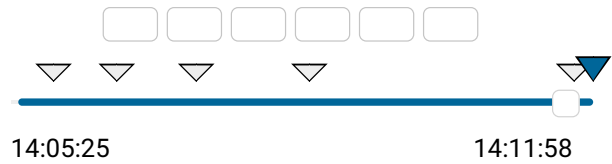
- The counter should decrease by one.
- "liked" class should be removed.

Assessment/Tools:

- Use the animation below as a reference for your solution.
- Design/styling is not assessed and will not affect the score. You should focus only on implementing the requirements.
- The "Preview" tab will display your component. You can use it for testing purposes.



Task timeline



Code: 14:11:57 UTC, ts, [show code in pop-up](#)
final, score: 100

```

1  import { Component } from '@angular/core'
2
3  @Component({
4    selector: 'like-button',
5    template: `
6      <button class="like-button" [class]="liked">
7        Like | <span class="likes-counter">{{likeCount}}</span>
8      </button>
9    `,
10   styles: [`
11     .like-button {
12       font-size: 1rem;
13       padding: 5px 10px;
14       color: #585858;
15     }
16
17     .liked {
18       font-weight: bold;
19       color: #1565c0;
20     }
21   `]
22 })
23 export class LikeButtonComponent {
24   public likeCount: number = 100;
25   public liked: boolean = false;
26
27   toggleLike(): void {
28     if (this.liked) {
29       this.likeCount--;
30     } else {
31       this.likeCount++;
32     }
33     this.liked = !this.liked;
34   }
35 }

```

Analysis summary

The solution obtained perfect score.

Analysis

expand all	Correctness tests
▶	Component should have a like button ✓ OK
▶	Component should have the initial likes counter ✓ OK

- | | |
|--|------|
| ▶ Component should have a proper format | ✓ OK |
| ▶ Component should increment counter when like is clicked | ✓ OK |
| ▶ Component should decrement counter when like is double-clicked | ✓ OK |
| ▶ Component should properly toggle 3 times | ✓ OK |
| ▶ Component should have proper classes | ✓ OK |