

Problem

Solution

Submissions

Discuss

Progress Bar

React.js

Easy

5.4K 20 670 447 15 mins

Create a **Progress Bar Component** in React that visually represents a single progress value. Users should be able to increment or decrement progress using buttons. Make sure to use inline css.

Requirements

1. Display one progress bar.

2. The bar should reflect a numeric progress (0–100%).

3. Include buttons labeled '+10%' and '-10%' to increase or decrease the bar's value.

4. Prevent values from going below 0% or above 100%.

5. Change bar color based on value (e.g., red, orange, green).

6. Color is selected based on thresholds:

• Red if less than 40%

• Orange if between 40–79%

• Green if 80% or more

Constraints & Edge Cases

• **Constraint 1:** Progress must stay between 0 and 100.

• **Constraint 2:** The background color-changing div must have an id="testBgColor" for testing the background color of progress bar.

• **Edge Case 1:** If decrementing would take a value below 0, clamp it to 0.

• **Edge Case 2:** If incrementing would take a value above 100, clamp it to 100.

Reference UI

Progress Bar

ProgressBars.js

App.js

```
1 import React from "react";
2
3 function ProgressBar() {
4   return (
5     <div>
6       /* Implement the ProgressBar component logic here */
7     </div>
8   );
9 }
10
11 export default ProgressBar;
12
```

Start Timer

Browser

[3/3] Starting

Console

Run

Submit