

 Ask a Question

Sort Colors

Try to solve the Sort Colors problem.

We'll cover the following



- Statement
- Examples
- Understand the problem
- Figure it out!
- Try it yourself

Statement

Given an array, `colors`, which contains a combination of the following three elements:

- 0 (representing red)
- 1 (representing white)



- 2 (representing blue)



Sort the array in place so that the elements of the same color are adjacent, with the colors in the order of red, white, and blue. To improve your problem-solving skills, do not utilize the built-in sort function.

Constraints:

- $1 \leq \text{colors.length} \leq 300$
- `colors[i]` can only contain 0s, 1s, or 2s.

Examples

