733. Flood Fill

Easy Topics Hint

You are given an image represented by an `m x n` grid of integers `image`, where `image[i][j]` represents the pixel

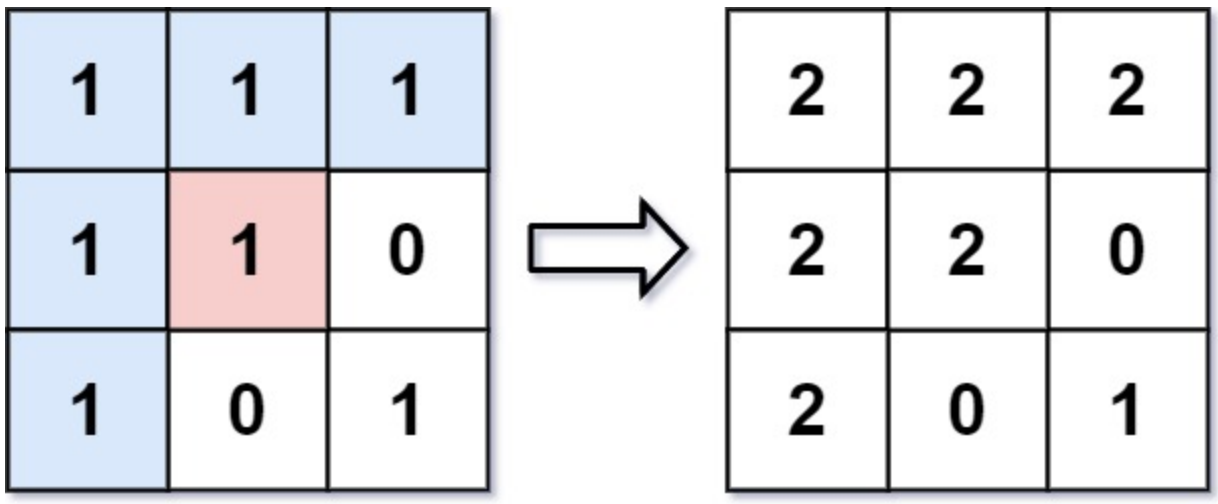
To perform a **flood fill**:

1. Begin with the starting pixel and change its color to `color`.
2. Perform the same process for each pixel that is **directly adjacent** (pixels that share a side with the original pixel,
3. Keep **repeating** this process by checking neighboring pixels of the *updated* pixels and modifying their color if it m
4. The process **stops** when there are **no more** adjacent pixels of the original color to update.

Return the **modified** image after performing the flood fill.

Example 1:

> **Input:** `image = [[1,1,1],[1,1,0],[1,0,1]], sr = 1, sc = 1, color = 2`
>
> **Output:** `[[2,2,2],[2,2,0],[2,0,1]]`
>
> **Explanation:**



> From the center of the image with position `(sr, sc) = (1, 1)` (i.e., the red pixel), all pixels connected by a path
>
> Note the bottom corner is **not** colored 2, because it is not horizontally or vertically connected to the starting pixel.