Subscribe our YouTube Channel for more videos: https://www.youtube.com/channel/UCjLMu9mayAibQST1eWwq0cg

Leetcode May Challenge DAY: 11

1. Python

```
R, C = len(image), len(image[0])
    color = image[sr][sc]
    if color == newColor: return image
    def dfs(r, c):
      if image[r][c] == color:
        image[r][c] = newColor
        if r >= 1: dfs(r-1, c)
        if r+1 < R: dfs(r+1, c)
        if c >= 1: dfs(r, c-1)
        if c+1 < C: dfs(r, c+1)
    dfs(sr, sc)
    return image
ONEERING LIBRA
```

Subscribe our YouTube Channel for more videos: https://www.youtube.com/channel/UCjLMu9mayAibQST1eWwq0cg

Subscribe our YouTube Channel for more videos: https://www.youtube.com/channel/UCjLMu9mayAibQST1eWwq0cg

2. C++

```
class Solution {
public:
  vector<vector<int>> floodFill(vector<vector<int>>& image, int sr, int sc, int newColor)
{
    vector<vector<bool>> visited(image.size(), vector<bool>(image[0].size(), false));
    fill(image, visited, sr, sc, newColor,image[sr][sc]);
    return image;
  }
  void fill(vector<vector<int>>& image, vector<vector<bool>>& visited, int row, int col,
int newColor, int sameColor){
    if(row \ge 0 \&\& col \ge 0 \&\& row < image.size() \&\& col < image[0].size() \&\&
!visited[row][col] && image[row][col]==sameColor){
       image[row][col] = newColor;
       visited[row][col] = true;
       fill(image, visited, row-1, col, newColor, sameColor);
       fill(image, visited, row+1, col, newColor, sameColor);
       fill(image, visited, row, col-1, newColor, sameColor);
       fill(image, visited, row, col+1, newColor, sameColor);
      WEERING LIBR
```

Subscribe our YouTube Channel for more videos: https://www.youtube.com/channel/UCjLMu9mayAibQST1eWwq0cg

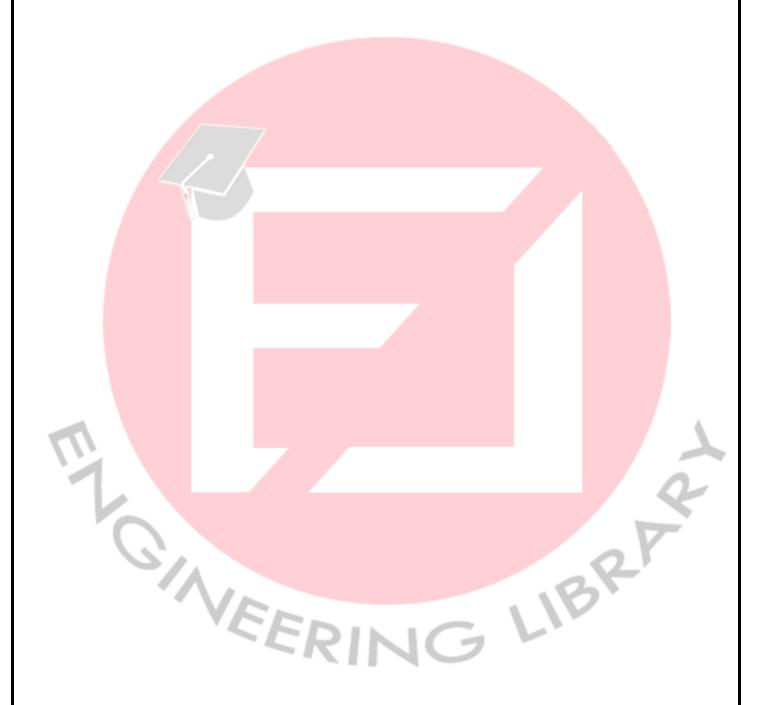
3. JAVA

```
class Solution {
  public int[][] floodFill(int[][] image, int sr, int sc, int newColor) {
    if(image.length == 0) {
      return image;
    }
    int oldColor = image[sr][sc];
    floodFill(image, sr, sc, oldColor, newColor);
    return image;
  }
  private void floodFill(int[][] image, int i, int j, int oldC, int newC) {
    return;
    if(image[i][j] == oldC) {
      image[i][j] = newC;
      floodFill(image, i+1, j, oldC, newC);
      floodFill(image, i-1, j, oldC, newC);
      floodFill(image, i, j+1, oldC, newC);
      floodFill(image, i, j-1, oldC, newC);
    }
```

Subscribe our YouTube Channel for more videos: https://www.youtube.com/channel/UCjLMu9mayAibQST1eWwq0cg

Subscribe our YouTube Channel for more videos: https://www.youtube.com/channel/UCjLMu9mayAibQST1eWwq0cg

}



4 | Page Follow me for more interesting programming questions and RAW Code visit my GitHub profile: https://www.github.com/shubhamthrills https://www.linkedin.com/in/shubhamsagar

 $Subscribe\ our\ YouTube\ Channel\ for\ more\ videos:\ \underline{https://www.youtube.com/channel/UCjLMu9mayAibQST1eWwq0cg}$