

```

class Solution {
public:
    void floodFill(vector<vector<int>>& image, int oldColor, int sr, int sc, int
newColor){
        if(sr < 0 || sc < 0 || sr == image.size() || sc == image[0].size() ||
oldColor == newColor)
            return;

        if (image[sr][sc] != oldColor)
            return;
        else{
            image[sr][sc] = newColor;
            floodFill(image, oldColor, sr + 1, sc, newColor);
            floodFill(image, oldColor, sr - 1, sc, newColor);
            floodFill(image, oldColor, sr, sc + 1, newColor);
            floodFill(image, oldColor, sr, sc - 1, newColor);

        }
    }
    vector<vector<int>> floodFill(vector<vector<int>>& image, int sr, int sc, int
color) {
        floodFill(image, image[sr][sc], sr, sc, color);
        return image;
    }
};

```