

```
class Solution {
public:
    vector<vector<int>> flipAndInvertImage(vector<vector<int>>& image) {
        for(int i=0;i<image.size();i++)
        {
            int left=0;
            int right=image[i].size()-1;
            while(left<right)
            {
                swap(image[i][left],image[i][right]);
                left++;
                right--;
            }
            for(int j=0;j<image[i].size();j++)
            {
                if(image[i][j]==1)
                {
                    image[i][j]=0;
                }
                else
                {
                    image[i][j]=1;
                }
            }
        }
        return image;
    }
};
```