## Flood Fill Algorithm:



BFS

```
9: Image[1]= 1,1,1

1,1,0

1,0,1

1,0,1

2,2,2

2,2,0

2,0,1
```

-breadth First Scarch. T.C. O (nm) S.C. O (nm) = Jueue

Depth First Search: -

T.c. O(nm) S.C. O(nm) = recursion stack