**Find Number Of Islands**

void dfs(int r, int c, int\*\* arr, vector<vector<int>>& vis, int n, int m) {

vis[r][c] = 1;

for (int i = -1; i <= 1; i++) {

for (int j = -1; j <= 1; j++) {

int row = r + i;

int col = c + j;

if (i == 0 && j == 0)

continue;

if (row >= 0 && row < n && col >= 0 && col < m && !vis[row][col] && arr[row][col] == 1) {

dfs(row, col, arr, vis, n, m);

}

}

}

}

int getTotalIslands(int\*\* arr, int n, int m) {

vector<vector<int>> vis(n, vector<int>(m, 0));

int count = 0;

for (int i = 0; i < n; i++) {

for (int j = 0; j < m; j++) {

if (arr[i][j] == 1 && !vis[i][j]) {

count++;

dfs(i, j, arr, vis, n, m);

}

}

}

return count;

}