Count Islands

```
int countIsland (vector<vector<int>>a)
{
        count=0
        for i o to row
            for j o to col
                if (a[j][k]==0)
                continue;
```
// check all 8   `if (a[j+1][k]==1)`
neighbours and   `union (j* col+j, (j+1)* col+k)`
union with neighbour's   `if (a[j-1][k]==1)`
set if el is 1   `if (a[j][k+1]==1)`

```
                    if  (a[j][k-1]==1)
        Same for    if  (a[j+1][k+1]==1)
        all 8       if  (a[j-1][k-1]==1)
        neighbous   if  (a[j-1][k+1]==1)
                    if  (a[j+1][k-1]==1)
```

```
        // if frequency is o then increment count
        int frequency [row * col]
        if ( frequency [ele]==0)
        {
            count++;
        }
        return count;
}
```