

Counting Islands

Write - Up :

```
for i  $\rightarrow$  0 to x
  for j  $\rightarrow$  0 to y
    if arr[i][j] == 0
      continue
    else
      check the surroundings
      if 1 is found add it to set
```

```
for i  $\rightarrow$  0 to x
  for j  $\rightarrow$  0 to y
    if a[i][j] == 1
      check in the sets
      if present
        no. of islands ++
```

return no. of islands.

~~Jai Iaim~~