

# Counting Islands

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## Write-up

for  $i \rightarrow 0$  to  $n$

for  $j \rightarrow 0$  to  $m$

if  $arr[i][j] == 0$

continue

else

check with all the neighbours

if 1 is found add it to the sets.

for  $i \rightarrow 0$  to  $n$

for  $j \rightarrow 0$  to  $m$

if  $a[i][j] == 1$

check in the sets

if present

no-of-islands++

return no-of-islands

Ayan