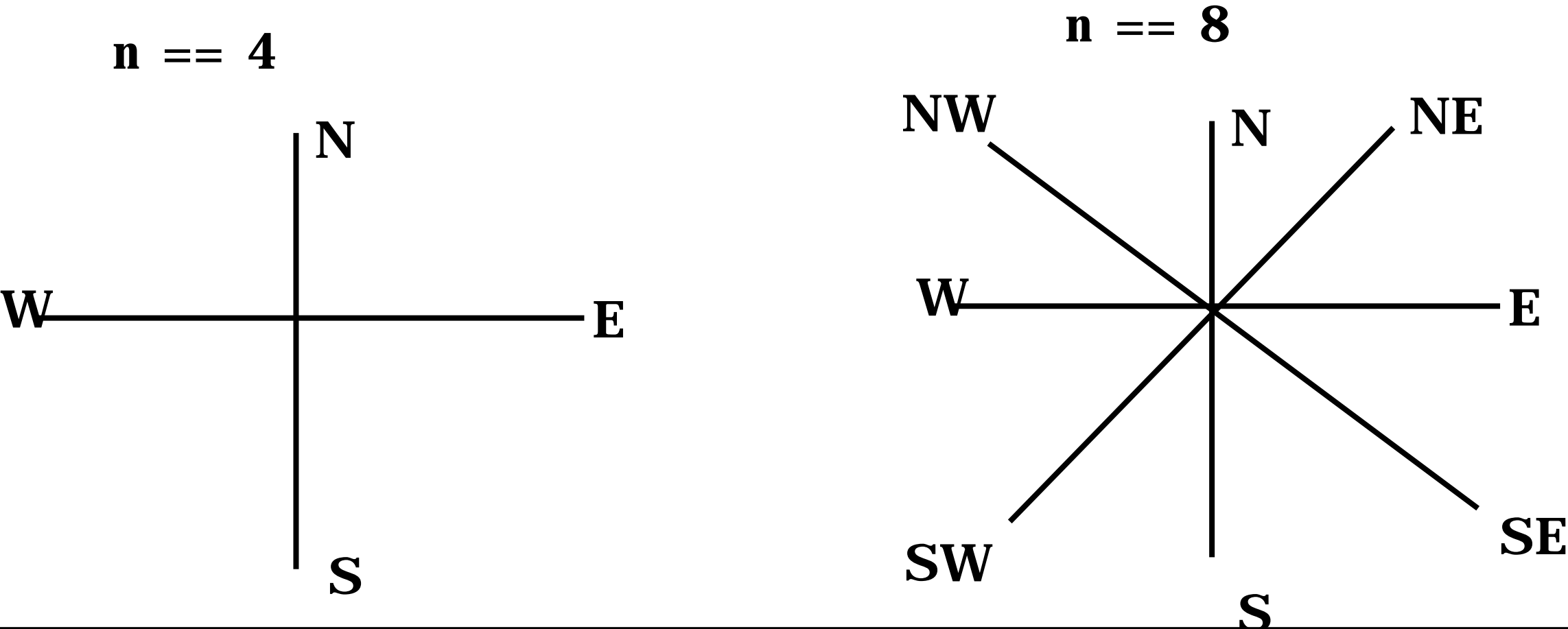


islands

Inputs: A matrix of size(m,n) having '1' or '0' characters only
Output: All islands. You must populate
islands: "list of list of int"

What is Island?
A group of connected 1's forms an island

Movements:
You will given: n: "int" ; //Input: Guaranteed to be 4 or 8

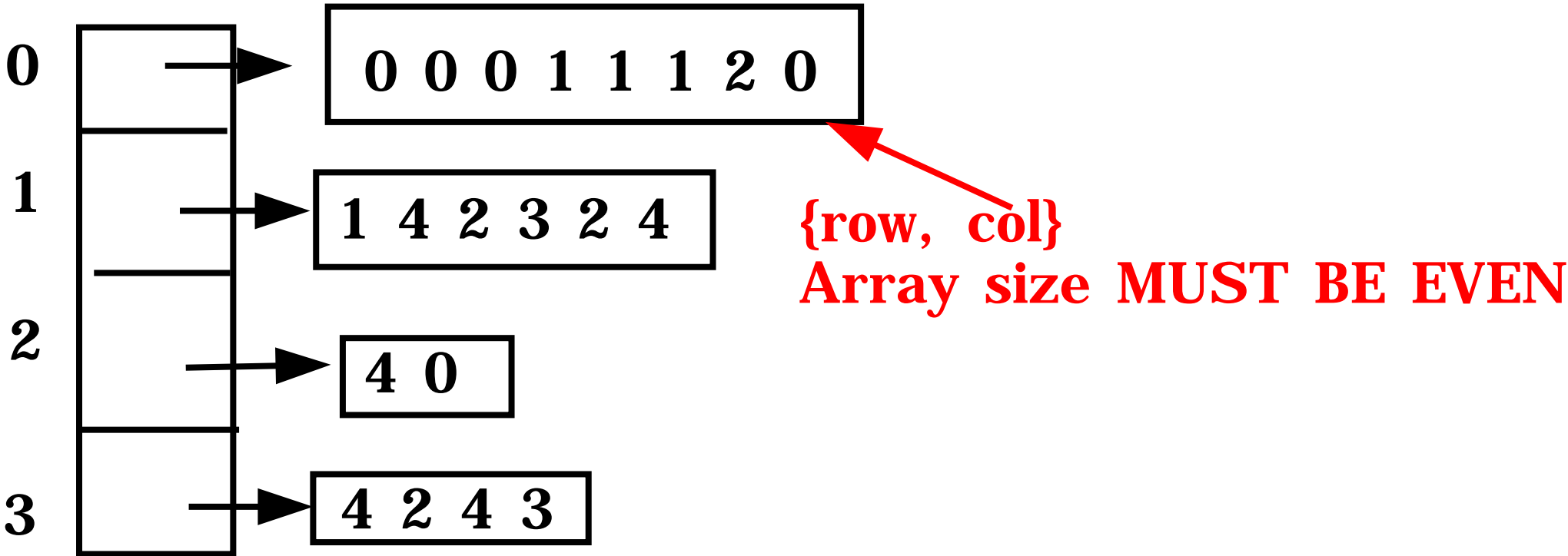


With n == 8

```
{ { 1, 1, 0, 0, 0 },
  { 0, 1, 0, 0, 1 },
  { 1, 0, 0, 1, 1 },
  { 0, 0, 0, 0, 0 },
  { 1, 0, 1, 1, 0 } }
```

00 01 02 03 04
10 11 12 13 14
20 21 22 23 24
30 31 32 33 34
40 41 42 43 44

There are 4 islands
You will populate answer in
islands: "list of list of int"
as follows



101 102 [0, 0],
010 030 [0, 2],
101 405 [1, 1],
[2, 0],
[2, 2]

n = 4

5

101 101 [0, 0, 1, 1, 0, 2, 2, 2, 2, 0],
010 010
101 101

n = 8

1