

```
def count-no-islands(arr):
```

```
    for if arr == 0
```

```
        return
```

```
    for i in range(rows):
```

```
        for j in range(cols):
```

```
            if arr[i][j] == 1
```

```
                newset create newset
```

```
                newset = new{i,j}
```

```
                check-neighbours of i,j
```

```
                if check-neighbours == 1
```

```
                    newset U neighbours
```

```
                else
```

```
                    no of island += 1
```