fost arrays

Declaration:
int[] array = new int[4];

Declaration:
int[] array = new int[4];

Access: inti=array[2];

Declaration:
int[,] array = new int[2,2];

Declaration:
int[,] array = new int[2,2];

Access: inti=array[1,1];

jacaca array

Declaration:
int[][] array = new int[2][];

jagged array

```
Declaration:
int[][] array = new int[2][];
```

Initialisation:

```
array[0] = new int[2];
array[1] = new int[2];
```

jagged array

```
Declaration:
int[][] array = new int[2][];
```

Initialisation:

```
array[0] = new int[2];
array[1] = new int[2];
```

Access:

int i = array[1][1];

jagged array

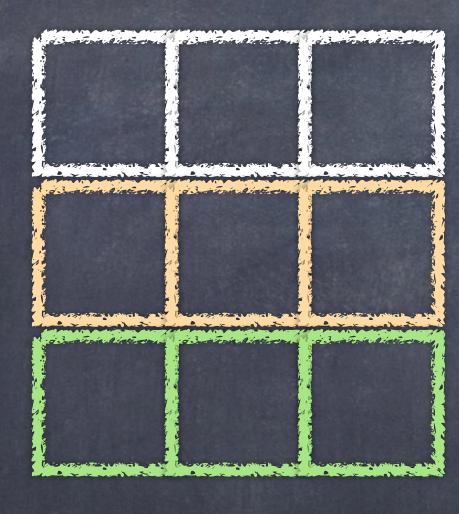


Second row only has 1 element:

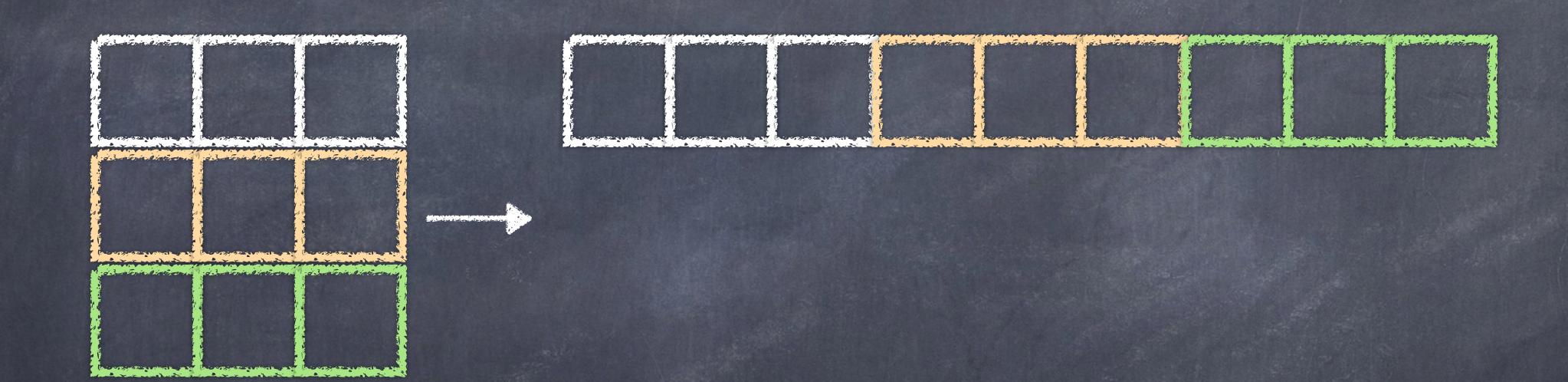
```
int[][] row = new int[2][];
row[0] = new int[2];
row[1] = new int[1];
```

Array flattening

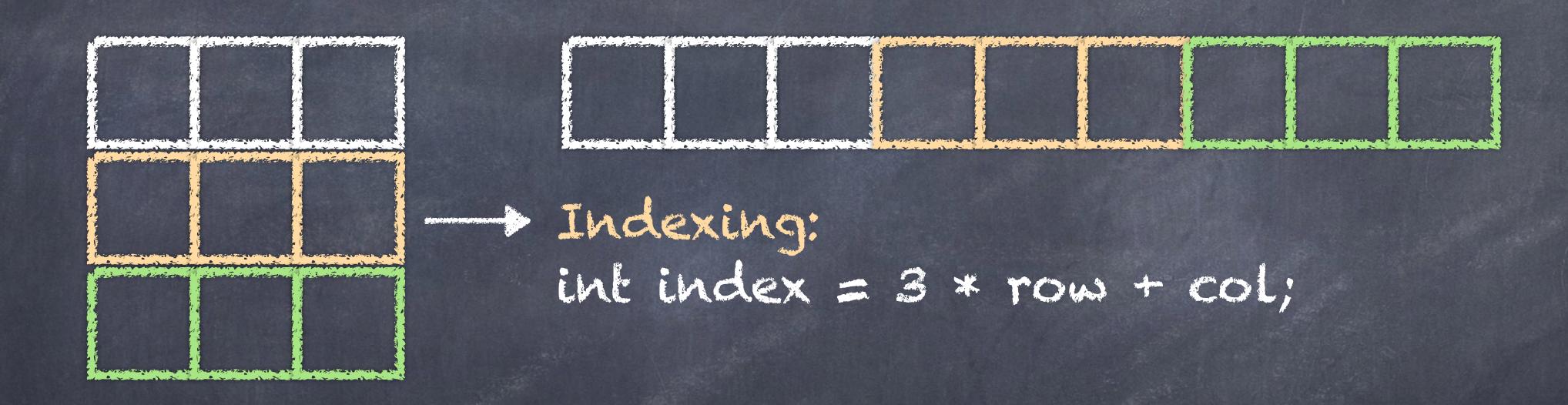
Array flattening



Array flattening



Array flattentina



FOSE ATTOUS

- If you only have 1 dimension of data, use 1-dimensional arrays for the best performance.
 If you have 2 dimensions of data, flatten the array.
 If this is not possible, consider using a jagged array.

- If there is no other option, use a 2-dimensional array