

$$a_{m \times n} = a_{4 \times 3}$$

$m \Rightarrow$ filas

$n \Rightarrow$ columnas

$\underbrace{a.length}_m \underbrace{a[i].length}_n$

```
int[][] a = new int[4][3];
```

Diagrama de una matriz 4x3:

| | | | |
|---|---|---|---|
| | 0 | 1 | 2 |
| 0 | 0 | 1 | 2 |
| 1 | 1 | 2 | 3 |
| 2 | 2 | 3 | 4 |
| 3 | 3 | 4 | 5 |

Etiquetas:
 - m : filas (0 a 3)
 - n : columnas (0 a 2)
 - i, j : índices de acceso

```
for(int i=0; i < a.length; i++) {
    for(int j=0; j < a[i].length; j++) {
        a[i][j] = i + j;
    }
}
```

(0,0)(0,1)(0,2)(1,0) ... (3,0),(3,1),(3,2)

```
for(int i=0; i < a.length; i++) {
    for(int j=0; j < a[i].length; j++) {
        System.out.print(" " + a[i][j]);
    }
    System.out.println(" ");
}
```