2D ARRAYS

single block [cell single block] Ctype]

rows = 3

columns = 5

u byke boston 1 byk

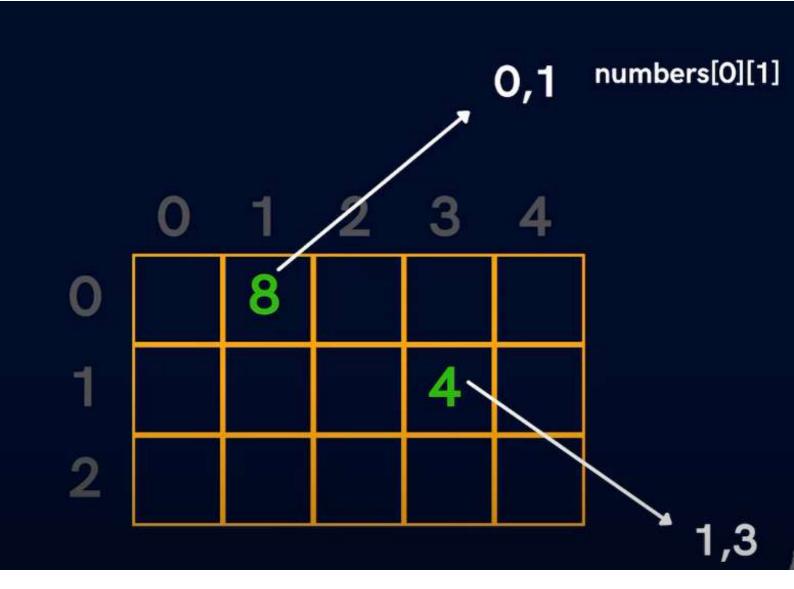
(rows x cols) K datatypesize

3x5, ty syxs

Declaration

int [] nur

```
type[][] arrayName = new type[rows][columns];
int[][] numbers = new int[3][5];
```



```
import java.util.*;
public class TwoDArrays {
    Run | Debug
    public static void main(String args[]) {
        Scanner sc = new Scanner(System.in);
        int rows = sc.nextInt();
        int cols = sc.nextInt();
        int[][] numbers = new int[rows][cols];
        //input
        //rows
        for(int i=0; i<rows; i++) {</pre>
            //columns
             for(int j=0; j<cols; j++) {</pre>
                 numbers[i][j] = sc.nextInt();
        //output
        for(int i=0; i<rows; i++) {
            for(int j=0; j<cols; j++) {</pre>
                 System.out.print(numbers[i][j] + " ");
            System.out.println();
```