20 Array - Array	with	two	dimensions		
	Rous &	0	1	2	•••
Represents a table	0	0	1	2	
	1	3	4	5	
	a	6	7	8	
	3	9	ID	1 c	

Creating a 2-D Array

```
Two-dimensional arrays are structured in row-major order ---> Means columns are stored in rows.

Other arrays & 0, 1, 23, there arrays store columns

Shows & 0, 1, 23, 5 tore columns
```

```
Accessing Elements

Editing Elements

System.out.println (varname [0][1]); varname [0][1] = 3;

Varname [#]

Away Row Col

Name Index Index

entire row!
```

for (int r=0; r< array.length; r++) {	
for (int c=0; < comay().length; c++) {	Traverses
System.out.println(array[r][c]);	Sarray from
3	Stop left to
3	300+1010

Sor (int[] row: array) }	
for (int val : row) {	Suses for -each
System.out.println (val);	loops
3	}
3)