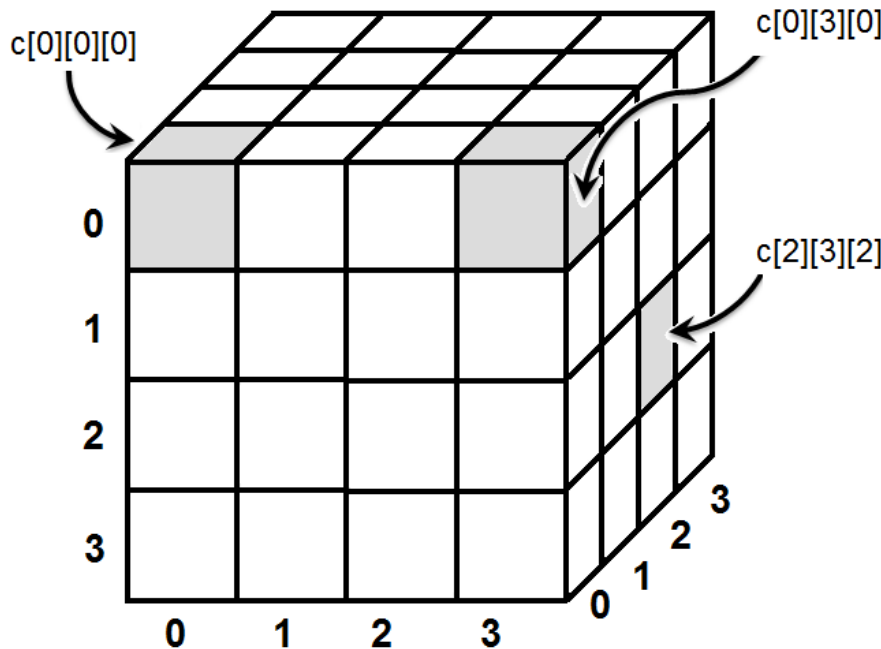


Matrices

Definición: Es una colección o conjunto de elementos formados # por filas y columnas

Matriz Unidimensional	Matriz Bidimensional																																										
<table><tr><td>1</td></tr><tr><td>0</td></tr><tr><td>0</td></tr><tr><td>0</td></tr><tr><td>0</td></tr><tr><td>0</td></tr></table>	1	0	0	0	0	0	<table><tr><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>0</td><td>1</td><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>0</td><td>0</td><td>1</td><td>0</td><td>0</td></tr><tr><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td><td>0</td></tr><tr><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td></tr></table>	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1
1																																											
0																																											
0																																											
0																																											
0																																											
0																																											
1	0	0	0	0	0																																						
0	1	0	0	0	0																																						
0	0	1	0	0	0																																						
0	0	0	1	0	0																																						
0	0	0	0	1	0																																						
0	0	0	0	0	1																																						
Matriz tridimensional																																											
																																											

Matriz 6 x 6

Matriz 6 filas x 6 columnas

	Col : 1	Col : 2	Col : 3	Col : 4	Col : 5	Col : 6
Fila : 1	1	0	0	0	0	0
Fila : 2	0	1	0	0	0	0
Fila : 3	0	0	1	0	0	0
Fila : 4	0	0	0	1	0	0
Fila : 5	0	0	0	0	1	0
Fila : 6	0	0	0	0	0	1

	Col : 1	Col : 2	Col : 3	Col : 4	Col : 5	Col : 6
Fila : 1	1	0	0	0	0	0
Fila : 2	0	1	0	0	0	0
Fila : 3	0	0	1	0	0	0
Fila : 4	0	0	0	1	0	0
Fila : 5	0	0	0	0	1	0
Fila : 6	0	0	0	0	0	1

PROGRAMACIÓN DE MATRICES

USO DE FOR

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

1	2	3	4	5	6
6	5	4	3	2	1
1	2	3	4	5	6
6	5	4	3	2	1
1	2	3	4	5	6
6	5	4	3	2	1

1	0	0	0	0	0
0	1	0	0	0	0
0	0	1	0	0	0
0	0	0	1	0	0
0	0	0	0	1	0
0	0	0	0	0	1

0	0	0	0	0	1
0	0	0	0	1	0
0	0	0	1	0	0
0	0	1	0	0	0
0	1	0	0	0	0
1	0	0	0	0	0

1	0	0	0	0	0
1	1	0	0	0	0
1	1	1	0	0	0
1	1	1	1	0	0
1	1	1	1	1	0
1	1	1	1	1	1

1	1	1	1	1	1
0	1	1	1	1	1
0	0	1	1	1	1
0	0	0	1	1	1
0	0	0	0	1	1
0	0	0	0	0	1

1	7	13	19	25	31
2	8	14	20	26	32
3	9	15	21	27	33
4	10	16	22	28	34
5	11	17	23	29	35
6	12	18	24	30	36

A					
A	B				
A	B	A			
A	B	A	B		
A	B	A	B	A	
A	B	A	B	A	B