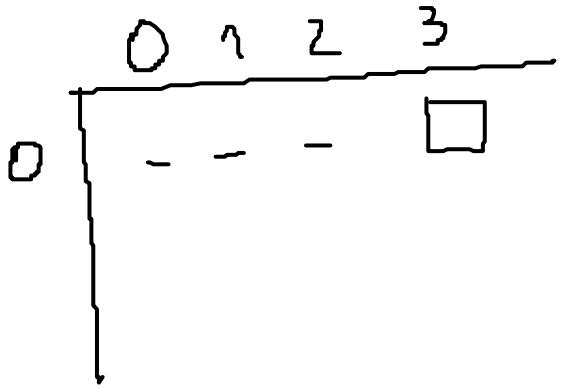
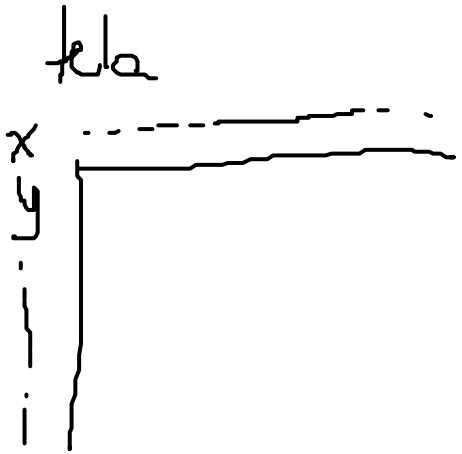
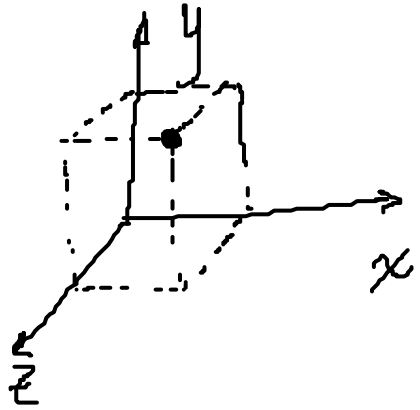


a_{ij}

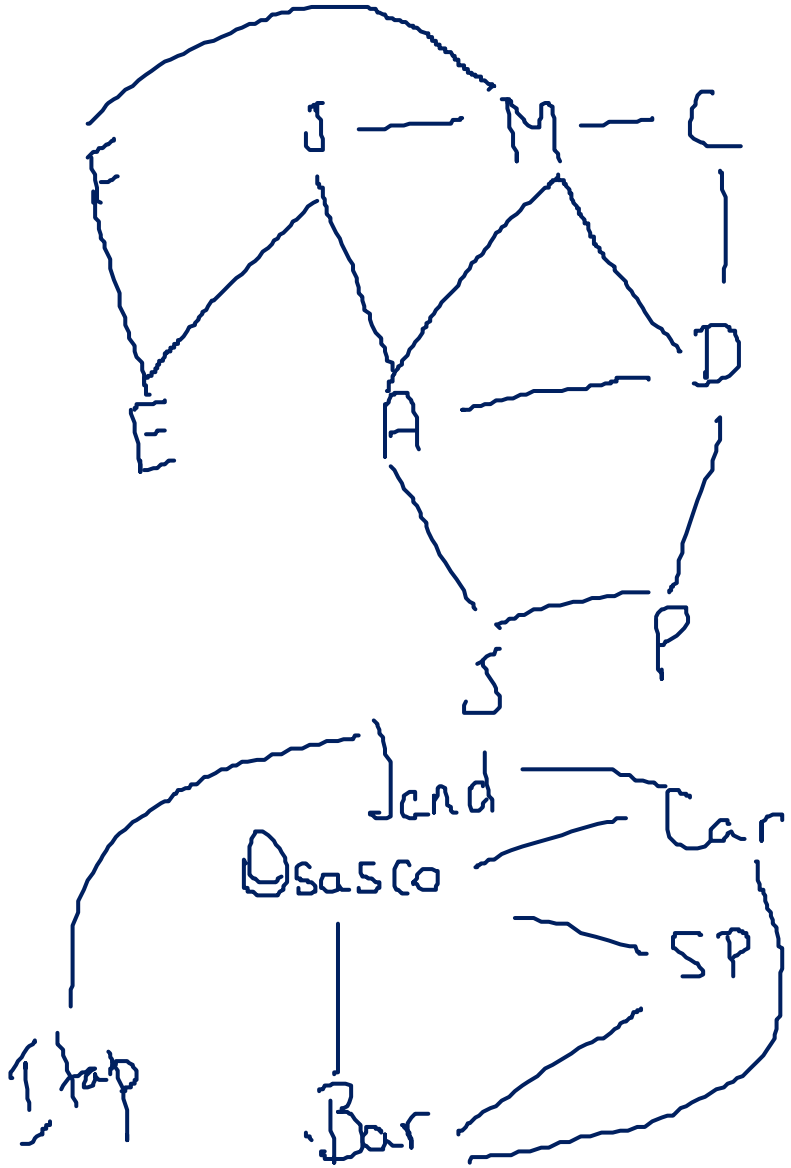
a_{03}





Ripercubo

produtos
- região
- vendedor
- estados do ano
- tipo prod.



Matriz Adjacências

	Os	SP	It	Jan	Bar
Os	1	1	0	0	1
SP	1	1	0	0	1
It	00	00	0	12	00
Ja	0				
Ba	1				

menor caminho entre uma origem e vários destinos Dijkstra

$$\begin{cases} 2x_1 + 3x_2 = 12 \\ 4x_1 - x_2 = 9 \end{cases}$$

$$\left[\begin{array}{cc|c} 2 & 3 & 12 \\ 4 & -1 & 9 \end{array}\right]$$

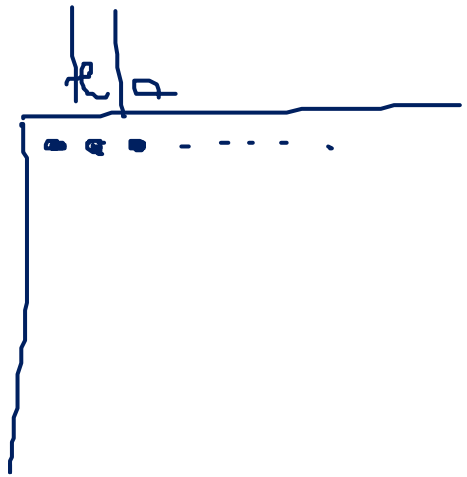
prob. eng.

ordem 1000 eq

1000 var

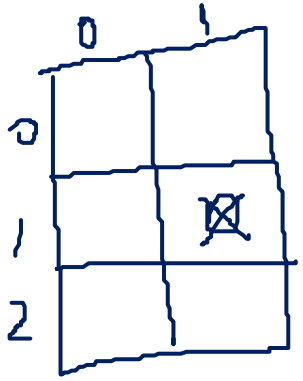
ou

1280 × 760

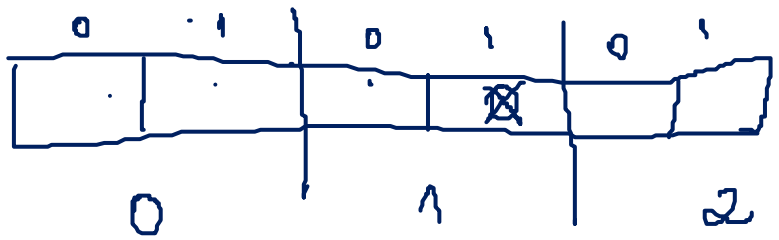


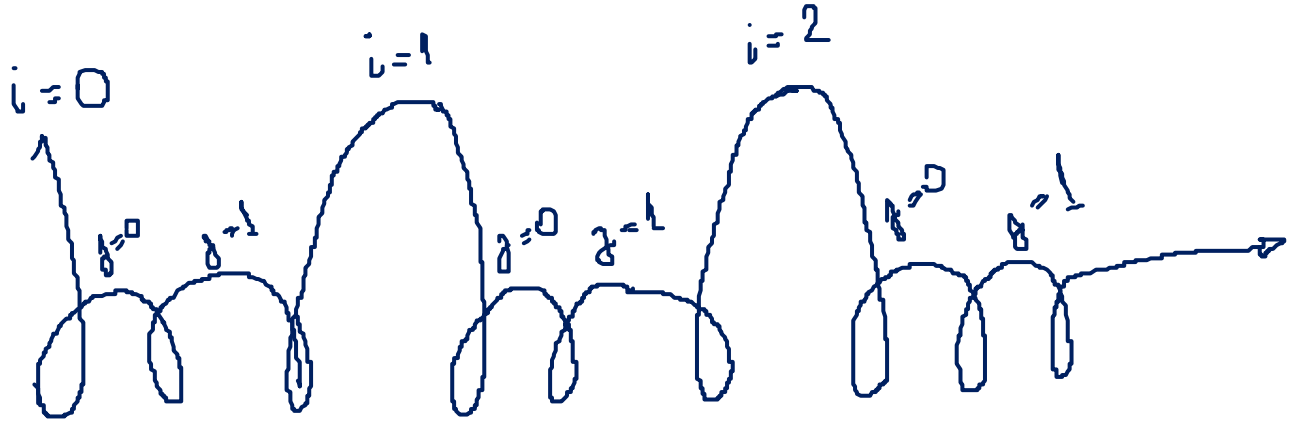
```
int mat [3] [2];
```

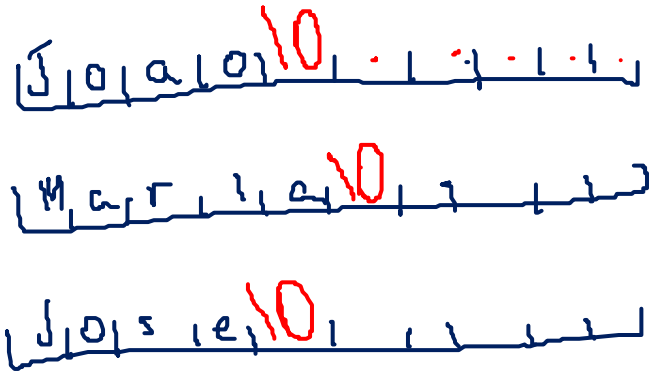
mat [1] [1]



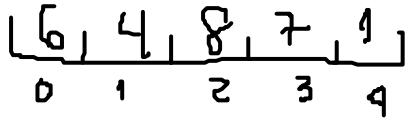

```
for (i = 0; i < 3; i++) {
    for (j = 0; j < 2; j++) {
        proc mat [i] [j];
    }
}
```





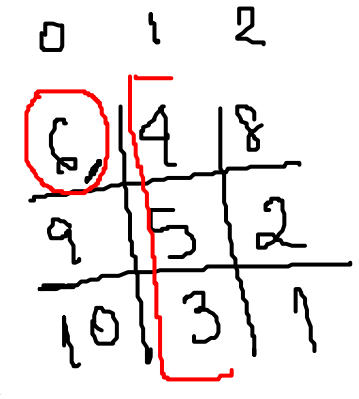


v[5]



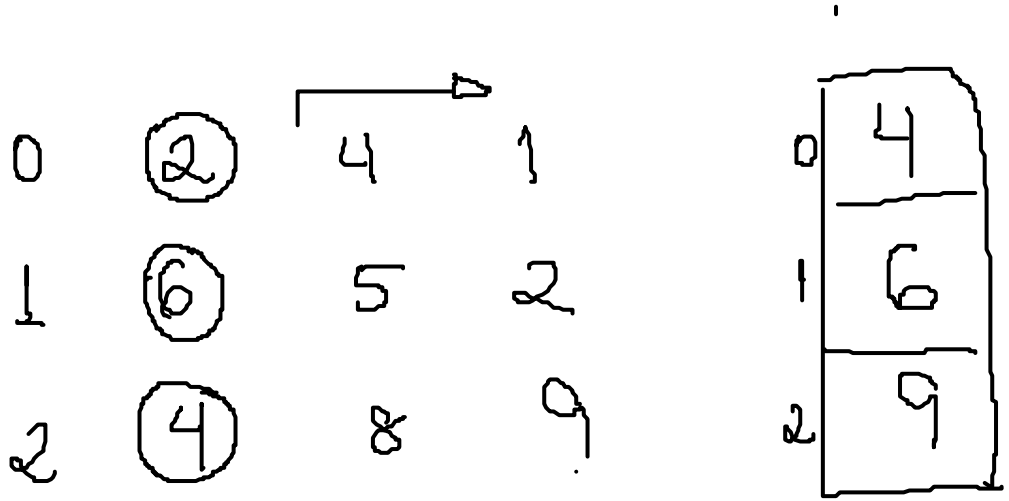

```
{
    mv = v[0];
    for (i = 1; i < 5; i++) {
        if (v[i] > mv) {
            mv = v[i];
        }
    }
```

m




```
    mv = m[0][0];

    for (lin = 0; lin < 3; lin++) {
        for (col = 0; col < 3; col++) {
            if (m[lin][col] > mv) {
                mv = m[lin][col];
            }
        }
    }
}
```


0
2
4
1
1
6
5
2
2
4
8
9

0
4
1
6
2
9