

Turma: 11

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Matrícula: 20.1.4003

1.

		A	L	G	O	R	I	T	M	O
	0	1	2	3	4	5	6	7	8	9
L	1	1	1	2	3	4	5	6	7	8
O	2	2	2	2	2	3	4	5	6	7
G	3	3	3	2	3	3	4	5	6	7
A	4	3	4	3	3	4	4	5	6	7
R	5	4	4	4	4	3	4	5	6	7
I	6	5	5	5	5	4	3	4	5	6
T	7	6	6	6	6	5	4	3	4	5
M	8	7	7	7	7	6	5	4	3	4
O	9	8	8	8	7	7	6	5	4	3

```

2. function printOperations (x[1..n], y[1..m], e[0..n, 0..m]) {
    while (n != 0 && m != 0) {
        switch = E[n-1][m-1]
        insert = E[n][m-1]
        remove = E[n-1][m]
        if (troca == min) {
            if(E[n-1][m-1] == E[n][m])
                print "Casamento\n"
            else
                print "Troca\n"
            n--
            m--
        }
        else if (insert == min) {
            print "Inserção\n"
            m--
        }
        else {
            print "Remoção\n"
            n--
        }
    }
}

```