

Inicio
 1. Imprimir Calculo
 2. fila, i Lo
 3. columna, i Co
 4. valores, i Co
 5. Valores, i Co
 6. Para (Filas)
 7. i
 8. i 10.
 9. i 11.
 10. i 12.
 11. i 13.
 12. i 14.
 13. i 15.
 14. i 16.
 15. i 17.
 16. FIN para
 17. Para (Columnas)
 18. i
 19. i 20.
 20. FIN
 21. FIN para
 22. FIN.
 motorCalculacion
 1. 0 1 2
 2. 0 9 8?
 3. 1 0 5 5?

roboCalculacion (2)(3)	fila	columna	fila < 0	columna < 3	Pantalla
roboCalculacion [0][0] < 10	0	0	OKR = V	OKB = V	0
roboCalculacion [0][1] < 7	0	1	OK1 = V	OK2 = V	1
roboCalculacion [0][2] < 3	0	2	OK2 = F	OK3 = V	0
roboCalculacion [1][0] < 9	1	1	21 < 3	23 < 3 = V	2
roboCalculacion [1][1] < 5	1	2	0 < 3 = V	23 < 3 = V	2
roboCalculacion [1][2] < 4	1	3	0 < 3 = V	23 < 3 = V	2
roboCalculacion [2][0] < 10	2	1	11 < 2	12 < 2 = V	1
roboCalculacion [2][1] < 3	2	2	11 < 2 = V	12 < 2 = V	1
roboCalculacion [2][2] < 2	2	3	11 < 2 = V	12 < 2 = V	1
NotasEstudiante (2)(3)	fila	columna	fila < 2	columna < 3	Pantalla
roboCalculacion [0][0] < 10	0	0	OK2 = V	OK3 = V	0
roboCalculacion [0][1] < 1	0	1	OK1 = V	OK2 = V	1
roboCalculacion [0][2] < 1	0	2	OK2 = V	OK3 = V	1
roboCalculacion [0][3] < 0	0	3	OK3 = V	OK3 = V	1
roboCalculacion [1][0] < 8	1	1	14 < 2	23 < 3 = V	1
roboCalculacion [1][1] < 8	1	2	14 < 2	23 < 3 = V	1
roboCalculacion [1][2] < 5	1	3	14 < 2	23 < 3 = V	1
roboCalculacion [1][3] < 5	1	4	14 < 2	23 < 3 = V	1
roboCalculacion [2][0] < 10	2	1	21 < 3 = V	23 < 3 = V	2
roboCalculacion [2][1] < 2	2	2	21 < 3 = V	23 < 3 = V	2
roboCalculacion [2][2] < 2	2	3	21 < 3 = V	23 < 3 = V	2
roboCalculacion [2][3] < 2	2	4	21 < 3 = V	23 < 3 = V	2
NotasEstudiante	fila	columna	fila < 2	columna < 3	Pantalla
roboCalculacion [0][0] < 10	0	0	OK2 = V	OK3 = V	0
roboCalculacion [0][1] < 1	0	1	OK1 = V	OK2 = V	1
roboCalculacion [0][2] < 1	0	2	OK2 = V	OK3 = V	1
roboCalculacion [0][3] < 0	0	3	OK3 = V	OK3 = V	1
roboCalculacion [1][0] < 8	1	1	14 < 2	23 < 3 = V	1
roboCalculacion [1][1] < 8	1	2	14 < 2	23 < 3 = V	1
roboCalculacion [1][2] < 5	1	3	14 < 2	23 < 3 = V	1
roboCalculacion [1][3] < 5	1	4	14 < 2	23 < 3 = V	1
roboCalculacion [2][0] < 10	2	1	21 < 3 = V	23 < 3 = V	2
roboCalculacion [2][1] < 2	2	2	21 < 3 = V	23 < 3 = V	2
roboCalculacion [2][2] < 2	2	3	21 < 3 = V	23 < 3 = V	2
roboCalculacion [2][3] < 2	2	4	21 < 3 = V	23 < 3 = V	2

~~ROBO~~

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1. Inicio
2. (notasCaluladoras (2)(3) , i [1-n])
3. fila , i [0-n]
4. columna, i [0-n]
5. valor , i [0 -n]

6. Para (fila < 0 ; fila < 2 ; 1) haga
7.   Para (columna < 0 ; columna < 3 ; 1) haga
8.     << "Ingrese el valor para " + fila + "-" + columna
9.     >> valor
10.    Si (valor >= 4 and valor <= 10) entonces
11.      notasCaluladoras [fila][columna] <- valor
12.    (bsn Contraria)
13.      notasCaluladoras [fila][columna] <- 1
14.  Fin Si
15. Fin Para
16. Fin Para
17. Para (fila < 0 ; fila < 2 ; 1) haga
18.   Para (columna < 0 ; columna < 3 ; 1) haga
19.     << Fila + "-" + columna + " valor : " + notasCaluladoras [fila][columna]
20.   Fin Para
21. Fin Para
22. Fin

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notasCaluladoras (2)(3) fila columna valor summa fila<2 columna<3 PuntoLibro

0	1	2	0	0
0	10	9	8	?
1	10	5	5	?
			3	

$$0+1 = 1 \quad 0+1 = 1$$

$$1+1 = 2 \quad 1+1 = 2$$

$$2+1 = 3$$

$$0$$

$$0+1 = 1$$

$$1+1 = 2$$

$$2+1 = 3$$

$$0 < 2 = V \quad 0 < 3 = V$$

$$0+10 < 10 \quad 1 < 2 = V \quad 1 < 3 = V$$

$$10+9 < 19 \quad 2 < 2 = F \quad 2 < 3 = V$$

$$19+8 < 27 \quad 3 < 3 = F$$

$$0 < 3 = V$$

$$1 < 3 = V$$

$$2 < 3 = V$$

$$3 < 3 = F$$

27

20

10
9
8
10
5
5
3

0
10
9
2
5
15
20

V
V
V
F
V
F
F

Fila	Columna	valor	suma	fila < 2 (columna < 3)	Fila == columna	Ponible
0	0	0	0	OK2 = V	OK3 = V	0 == 0 (V)
0+1=1	0+1=1	10+10=10	10	1<2 = V	1<3 = V	10 == 1 (P)
1+1=2	1+1=2	10+5=15	15	2<2 = P	2<3 = V	10 == 2 (P)
2+1=3	2+1=3	10+3=13	13	3<3 = F	3<3 = F	1 == 0 (O)
0	0	0	0	OK3 = V	1 == 1 (V)	1 == 1 (O)
0+1=1	0+1=1	1+3=4	4	1<3 = V	1 == 1 (O)	1 == 1 (O)
1+1=2	1+1=2	2+3=5	5	2<3 = V	2<3 = V	2 == 2 (P)
2+1=3	2+1=3	3+3=6	6	3<3 = F	3<3 = F	3 == 3 (O)

~~1 2 3~~