

10 ▶ 3 ▶ 17

MAURILIO BATISTA DE ALMEIDA



COMANDO CONDICIONAL - LISTA 1

PROGRAMA Q1

 $a = 5$ $b = 2$ $\text{if}(a+b < 10) : \text{V}$ $c = a - b$ else: ~~$c = a + b$~~ $a = c * b$ $\text{print}(b - 3)$

a	b	c	print
5			
5	2		
5	2	3	
6	2	3	
6	2	3	-1

PROGRAMA Q2

 $a = 1$ $b = 0$ $\text{if}(a > 0) :$ $b = a + b$ $c = b + b$ $a = a + b + c$ else: $b = 2 * a$ $\text{print}(a + 3)$

a	b	c	print
1			
1	0		A0IASTUH
1	1		
1	1	2	
4	1	2	
4	1	2	7



PROGRAMA 03

$$a = 2$$

$$b = 7$$

~~$$if(a+b > 10) : F$$~~

~~$$c = a + 1$$~~

~~$$b = c + 1$$~~

~~else:~~

$$c = a - 1$$

$$b = c - 1$$

$$a = b - 1$$

a	b	c
2		
2	7	
2	7	1
2	0	1
-1	0	1

PROGRAMA 04

$$a = 8$$

$$b = a + 3$$

$$c = b - 1$$

~~$$if(c > 4) : V$$~~

~~$$a = a + c$$~~

~~else:~~

~~$$a = a + b$$~~

$$b = (2 * c) - a$$

$$c = a - c$$

$$a = c / b$$

a	b	c
8		
8	11	
8	11	10
18	11	10
18	2	10
18	2	8
4	2	8

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PROGRAMA 05

$$b = 5/2 + 6/4$$

$$a = 3 + b$$

~~if ($a > 7$): F~~

$$c = a + c$$

~~print(b - a)~~

~~elif ($a == 7$): V~~

$$c = a - b$$

~~print(2 * c + 1)~~

~~else:~~

$$c = a + b$$

a	b	c	Print
7	4		
7	4	3	
7	4	3	7

PROGRAMA 06

$$a = -5$$

$$b = 9$$

~~if ($a + b == 3$): F~~

$$c = a + 7$$

$$d = b - 4$$

~~else:~~

$$c = a + 2$$

$$d = b - 10$$

$$a = -2 * a$$

$$b = -b / c$$

$$c = c + 4$$

$$d = d + c$$

a	b	c	d	8 = 0
-5				
-5	9			
-5	9	-3		
-5	9	-3	-1	
10	9	-3	-1	
10	3	-3	-1	
10	3	1	-1	
10	3	1	0	



PROGRAMA 07

~~a = 3~~~~b = 2~~~~c = 4~~~~if (a+b+c < 7): F~~~~b = c + 5~~~~c = a + 8~~~~a = (a*c) + b~~~~else:~~~~b = 5 * c~~~~c = a + b - 8~~~~a = (2 * a) - 1~~~~b = b - (a + c)~~~~c = c - (a + b)~~

a	b	c
3		
3	2	
3	2	4
3	20	4
3	20	15
5	20	15
5	0	15
5	0	10

PROGRAMA 08

~~a = 6~~~~b = 1~~~~if (a > 0): V~~~~if (b > 0): V~~~~c = a + b~~~~else:~~~~c = a - b~~~~elif (b <= 5):~~~~c = a * b~~~~else:~~~~c = a / b~~

a	b	c
6		
6	1	
6	1	7



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PROGRAMA 09

~~a = 1~~~~b = 3~~~~if(a > 0): ✓~~~~if(b > 0): ✓~~~~c = (a+b)*2~~~~else:~~~~c = 0~~~~else:~~~~b = 2~~~~if(c > d): ✓~~~~a = 2~~~~else:~~~~b = 4~~

a	b	c
1		
1	3	
1	3	8
2	3	8

PROGRAMA 10

~~c = 4~~~~b = c * 5/2~~~~a = c * b - b~~~~if(b > a): F~~~~if(c > b):~~~~d = a * 2~~~~elif(a > c): ✓~~~~d = 29 - a + b~~~~elif(a > b + c): ✓~~~~d = (b - c)/3~~~~print(a + d)~~~~else: d = c - 9 + a~~~~a = a - (b + c + d)~~

A	B	C	D	PRINT
		4		
	10	4		
30	10	4		
30	10	4	2	
30	10	4	2	32
14	10	4	2	



PROGRAMA 11

$$d = 6 * 2 - 8$$

~~if ($d > 20$): V~~

~~if ($d < 25$): F~~

~~$a = d / 3$~~

~~print(a+d)~~

~~elif ($d > 28$): F~~

~~$c = d * 5 + 1$~~

~~print(c - d)~~

~~elif ($d < 22$): F~~

~~$b = d + 1$~~

~~print(b - 3)~~

~~else:~~

~~$b = d / 7$~~

~~print(b ** 2)~~

~~$a = d - b$~~

a	b	c	d	Print
			28	
	4		28	
	4	28	28	9
24	4		28	

PROGRAMA 12

$$c = 7 + 5 * 1.2$$

$$b = c - 4$$

~~if ($b > 9$): F~~

~~if ($c == 10$):~~

~~$a = b + 3$~~

~~elif ($b == 6$): F~~

~~$a = c * 3$~~

~~print(a - c)~~

~~elif ($c >= 13$): V~~

~~$a = b + 1$~~

~~else:~~

~~$a = c / 7$~~

A	B	C	Print
		13	
	9	13	
10	9	13	
10	9	3	

VIRE CONTINUA



PROGRAMA 11

(d>20) True

$$d = 6 * 2 - 8$$

$\text{if}(d > 20): \vee$

$\text{if}(d < 25): \text{F}$

$$a = d / 3$$

$\text{print}(a + d)$

$\text{elif}(d > 28): \text{F}$

$$c = d * 5 + 1$$

$\text{print}(c - d)$

$\text{elif}(d < 22): \text{F}$

$$b = d + 1$$

$\text{print}(b - 3)$

else:

$$b = d / 7$$

$\text{print}(b * * 2)$

$$a = d - b$$

a	b	c	d	Print
			28	
	4		28	
	4		28	9
24	4		28	

PROGRAMA 12

$$c = 7 + 5 * 1.2$$

$$b = c - 4$$

$\text{if}(b > 9): \text{F}$

$\text{if}(c == 10): \text{F}$

$$a = b + 3$$

$\text{elif}(b == 6): \text{F}$

$$a = c * 3$$

$\text{print}(a - c)$

$\text{elif}(c >= 13): \vee$

$$a = b + 1$$

else:

$\text{--- } a = c / 7 \text{ ---} \text{----- credeal}$

VIRE CONTINUA

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CONTINUAÇÃO PROG. 12print($a * b$)if ($a < b$): F

$a = c - b$

$c = c - a$

PROGRAMA 13

$b = 5$

if ($b > 7$): F

~~$a = b + 4$~~

~~$c = a * 2$~~

$a = (b - 2) * * 3$

if ($a < 15$): F

~~$d = c - a$~~

print(a)

elif ($a > 29$): Vif ($b > 8$): F

~~$d = b + c - 1$~~

elif ($b < 6$): V

~~$d = a * c$~~

else:

$a = a + b * b$

A	B	C	D	Print
	5			
27	5			
37	5			

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