

$$n = 425$$

$$\begin{array}{r} 425 \overline{) 10} \\ 25 \quad 42 \\ 5 \end{array}$$

425 % 10

425 / 10

$$\begin{array}{r} 42 \overline{) 10} \\ 2 \quad 4 \end{array}$$

~~n~~

$$d1 = n \% 10$$

$$~~n~~ \overline{n1} = n / 10$$

$$d2 = ~~n1~~ \% 10$$

$$d3 = ~~n1~~ / 10$$

Acumulador

$$\underline{var} = \underline{var} \text{ op expressão}$$

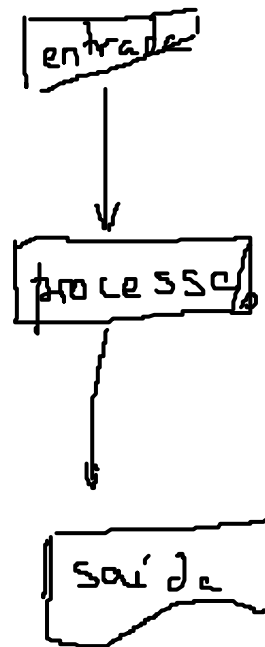
$$x = x + 1$$

$$a = a - 3$$

$$\underline{n} = \underline{n} / 10$$

$$\underline{m} = \underline{m} + (a - b)$$

sequência simples

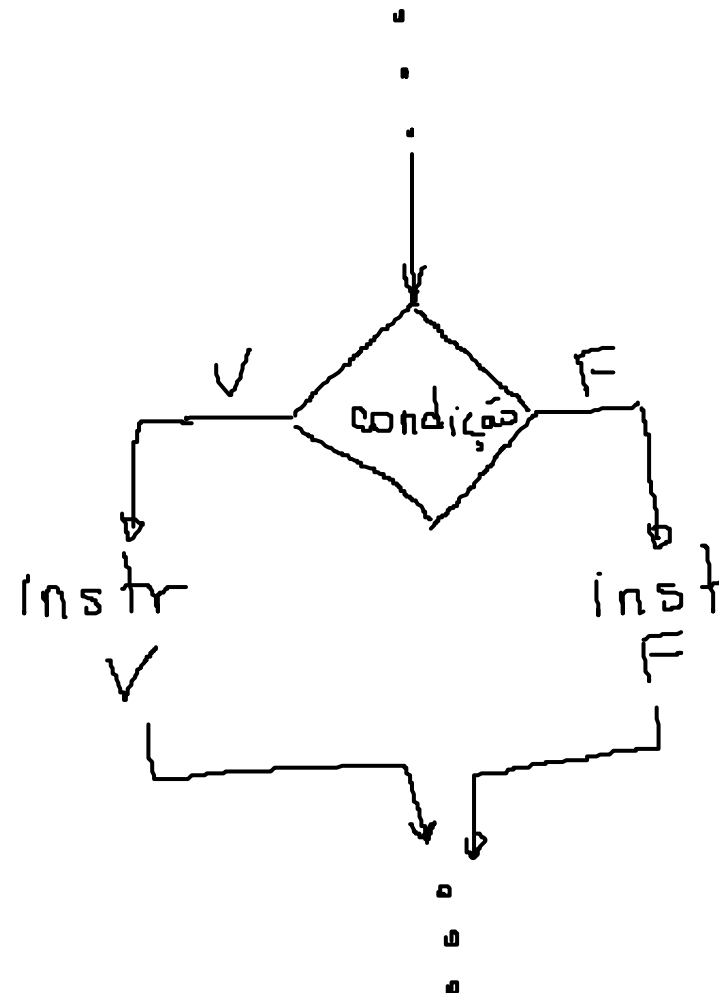


operadores matemáticos

+ - * / %

atribuição =

condição



operadores relacionais

> >=

< <=

!=

==

operadores lógicos

&& & e

|| & ou

! & não

valores lógicos

V F

em C int

V qq coisa $\neq 0$ (1)

F 0

Boole \Rightarrow boolean

true / false

priorities

\times / %

+ -

> , >= , <= , < , == , !=

!

&&

||

Exemplo $a > b$, c , d
 $(a > b) \ \&\& \ a > c \ \&\& \ a > d$

$$\underbrace{a + \underbrace{b * c}}$$

$$\underbrace{(\underbrace{a + b}) * c}$$

$$\underbrace{a > b} \parallel \underbrace{c < d} \& \& \underbrace{f == g}$$

$\underbrace{\hspace{15em}}$

$$\underbrace{\hspace{20em}}$$

Considere :

$$a = 5, b = 6, c = -1, d = 0$$

Avalie as expressões (V / F)

- 1 (V) a 2 (F) $!a$ 3 (F) d 4 (V) $!d$
- 5 (F) $a > b$ 6 (F) $!a > b$ 7 (V) $!(a > b)$
- 8 (V) $a \leq b \ \&\& \ c$ 9 (V) $a \leq b \ || \ c$
- 10 (F) $a \leq c \ \&\& \ c \leq d$ 11 (V) $!(a \leq c) \ \&\& \ c \leq d$
- 12 (V) $!(a \leq c \ \&\& \ c \leq d)$

do
chat

$0 \parallel a$

$\checkmark = \checkmark$

$F = F$

a	b	$\&\&$
\checkmark	\checkmark	\checkmark

$\checkmark \quad F \quad F$

$F \quad \checkmark \quad F$

$F \quad F \quad F$

a b \parallel

$\checkmark \quad \checkmark \quad \checkmark$

$\checkmark \quad F \quad \checkmark$

$F \quad \checkmark \quad \checkmark$

F	F	F
-----	-----	-----

a !a

$\checkmark \quad F$

$F \quad \checkmark$

```
int a=0;
```

```
if (a) {
```

```
    pf("V");
```

```
}
```

```
else {
```

```
    pf("F");
```

```
}
```

```
int x=0;
```

```
if (x=3) {
```

```
    pf("V");
```

```
else {
```

```
    pf("F");
```

```
}
```

x	03
---	----

```
int x = 2;
```

```
if (x = 0) {  
    pf("a"),  
}  
else {  
    pf("b");  
}
```

```
{ x 20 }
```