

laço : repete 10 vezes  $\Rightarrow$  contador

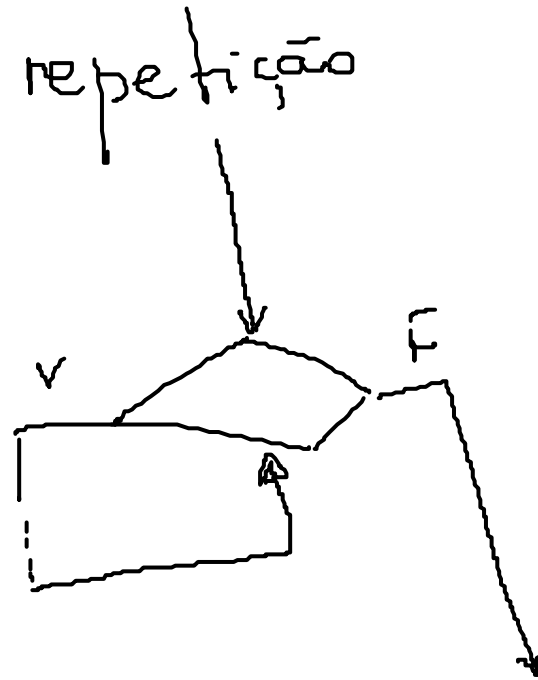
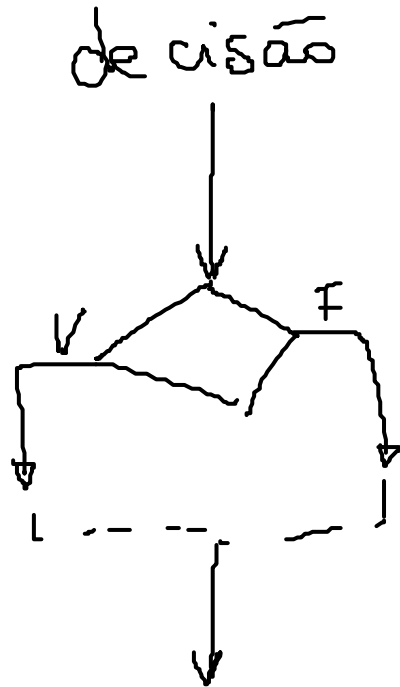
ler n

se n par

contar + 1 par

controles  
de fluxo

decisão  
repetição



$$n = 2$$

$$\text{if } (\underbrace{\ln}_0 \% 2) = 0 \rightarrow \text{F}$$

$$n = 0$$

$$\text{if } (\underbrace{\ln}_1 \% 2) = 1 \rightarrow \text{V}$$

Calcular e mostrar

S : (usando laço)

$$S = \frac{1}{10} + \frac{2}{9} + \frac{3}{8} + \dots + \frac{10}{1}$$

$$n = 5$$

$$5 \times 4 \times 3 \times 2 \times 1$$

$$1 \times 2 \times 3 \times 4 \times 5 = 120$$

```
//processamento: cálculo do fatorial
```

```
while (cont <= n) {
    fat = fat * cont;
    cont++;
}
```

$$n = 5$$

cont



92

五

7

ft

  X  

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12



120