

5) A)  $i=1, j=0, k=-1$

$$\begin{aligned} i+k &\leq j-k * 3 \ \&\& \ k >= 2 \\ 0 &\leq +3 \ \&\& \ -1 >= 2 \\ &\searrow \quad \nearrow \quad (0 - (-3)) \\ &\quad T \ \&\& \ F \\ &\quad \quad \quad \downarrow \\ &\quad \quad \quad (F) \end{aligned}$$

B)  $i=3, j=2, k=-1$

$$\begin{aligned} i &== 3 \ \&\& \ j <= 2 \ \&\& \ k > 0 \\ T \ \&\& \ T \ \&\& \ F \\ &\quad \quad \quad \downarrow \\ &\quad \quad \quad (T) \end{aligned}$$

C)  $tipo = 10, rece = 7.5$

$$\begin{aligned} tipo &< rece + 1.5 \\ 10 &< 7.5 + 1.5 \Rightarrow (F) \end{aligned}$$

D)  $ano = 1993$

$$\begin{aligned} ano \% 400 &== 0 \\ 1993 \% 400 &== 0 \Rightarrow (F) \end{aligned}$$

E)  $3 == 2 \ \&\& \ 5 > 1 + 1$

$$\begin{aligned} &\quad \quad \quad \nearrow \text{prioridad sobre} \\ F \ \&\& \ T \\ &\quad \quad \quad \downarrow \\ &\quad \quad \quad (T) \end{aligned}$$

F)  $5-2 > 4 \ \&\& \ ! (0.5 == 1/5)$

$$\begin{aligned} F \ \&\& \ T \\ &\quad \quad \quad \downarrow \\ &\quad \quad \quad (F) \end{aligned}$$

Supon que :  $a=2, b=5, c=6, d=10$

A)  $a >= b \ \&\& \ a >= c \ \&\& \ a < d$

$$\begin{aligned} F \ \&\& \ F \ \&\& \ T \\ &\quad \quad \quad \downarrow \\ &\quad \quad \quad (F) \end{aligned}$$

B)  $a+b < c \ \&\& \ a+c < d \ \&\& \ 2*a < a+b$

$$\begin{aligned} F \ \&\& \ T \ \&\& \ T \\ &\quad \quad \quad \downarrow \\ &\quad \quad \quad (T) \end{aligned}$$

C)  $!(a*b < d) \ \&\& \ !(a*b < c) \ \&\& \ b+c <= d$

$$\begin{aligned} &\quad \quad \quad \downarrow \\ &\quad \quad \quad (F) \ \&\& \ (F) \ \&\& \ F \\ &\quad \quad \quad \downarrow \\ &\quad \quad \quad T \ \&\& \ T \ \&\& \ F \\ &\quad \quad \quad \downarrow \\ &\quad \quad \quad T \ \&\& \ F \\ &\quad \quad \quad \downarrow \\ &\quad \quad \quad (T) \end{aligned}$$

otro ejercicio

$A_1 = 30; A_2 = 20$

$A_1 > 5 \ \&\& \ A_1 != 44 \ \&\& \ A_2 + A_1 >= A_2 * 2$

$$\begin{aligned} T \quad \quad \quad T \quad \quad \quad T \\ \quad \quad \quad \downarrow \quad \quad \quad \downarrow \\ \quad \quad \quad T \quad \quad \quad T \\ \quad \quad \quad \downarrow \\ \quad \quad \quad (T) \end{aligned}$$