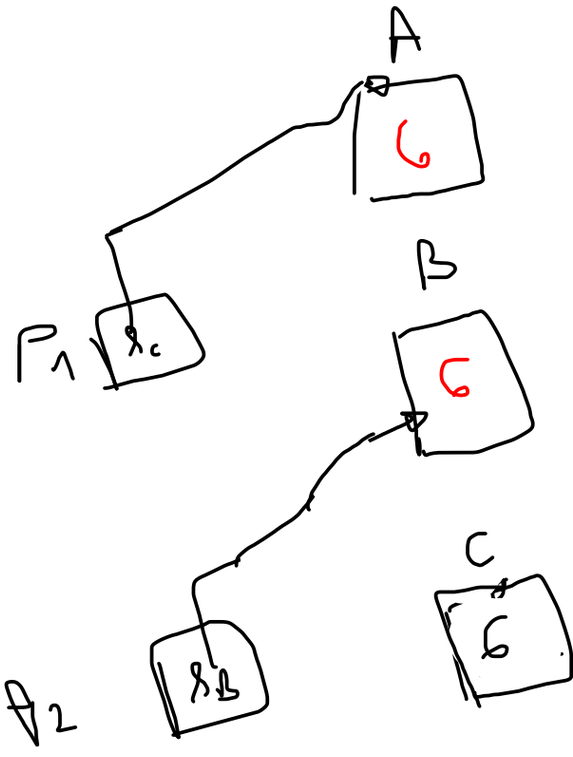
Ex1

Correction TD2

Instruction	A	B	C	P1	*P1	P2	*P2
P1=&A	1	2	3	&A	1	?	?
P2=&C	1	2	3	&A	1	&C	3
P1=(&)++	3	2	4	&A	3	&C	4
A=P2	3	2	4	&C	4	&C	4
P2=&B	3	2	4	&C	4	&B	2
*P1=*P2	3	2	2	&C	2	&B	2
++*P2	3	3	2	&C	2	&B	3
*P1=*P2	3	3	6	&C	6	&B	3
A=++*P2**P1	24	4	6	&C	6	&B	4
P1=&A	24	4	6	&A	24	&B	4
*P2=*P1/=*P2	6	6	6	&A	6	&B	6



Exercice 2

$\&A[0] = A = P = bfb8ffc0$

Q1. $*P + 2 = A[0] + 2 = 14$

Q2. $*(P+2) = A[2] = 34$

Q3. $\&P = bfb8ffbc$

Q4. $\&P + 1 = P = bfb8ffc0$

Q5. $\&P + 2 = \&P + 1 + 1 = P + 1 = \&A[1] = bfb8ffc4$

Q6. $\&A[2] = A + 2 \times 4 = bfb8ffc8$

Q7. $P + 3 = \&A[3]$

$= P + 3 \times 4$

$= bfb8ffc0 + C$

$= bfb8ffcc$

Q8. $\&A[7] - P = A + 7 - P = 7$

$*p1 = (*p1)++ \iff \begin{cases} *p1 = *p2 \\ *p2 = *p2 + 1 \end{cases}$

$c++ \iff c = c + 1$

$c = c + 2 \iff c += 2$

$c = c * 2 \iff \boxed{c *= 2}$

$c = c - 1 \iff c--$

$c -= 2 \iff c = c - 2$

$*P1 = (*P1)++ \iff \begin{cases} *P1 = *P2 \\ *P2 = *P2 + 1 \end{cases}$

$*P1 = = *P2 \iff *P1 = *P1 \,\&\, *P2$

A=++*P2**P1 $\iff \begin{cases} *P2 = *P2 + 1 \\ A = *P2 * *P1 \end{cases}$

$a = 2$

$C = ++a \Rightarrow \begin{cases} a = 3 \\ C = 3 \end{cases}$

*P2=*P1/=*P2 $\iff \begin{cases} *P1 \mid = *P2 \Rightarrow *P1 = *P1 \mid *P2 \\ *P2 = \&P1 \end{cases}$