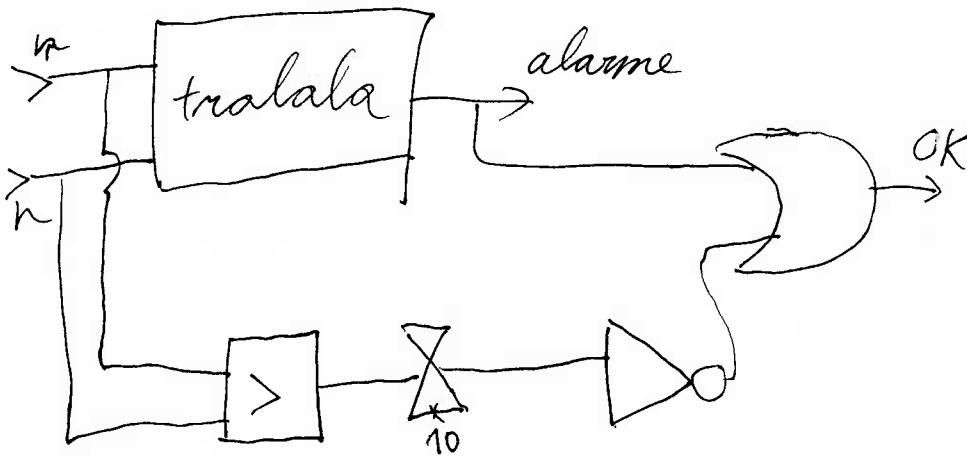


Exercice 3

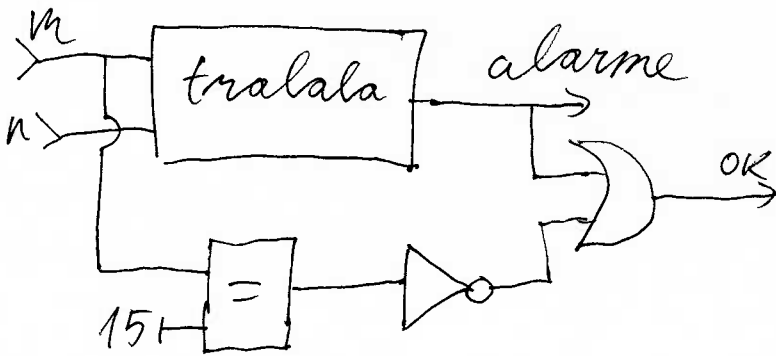
(on se rappelle que $a \Rightarrow b$ équivaut $\neg a \vee b$)

1.



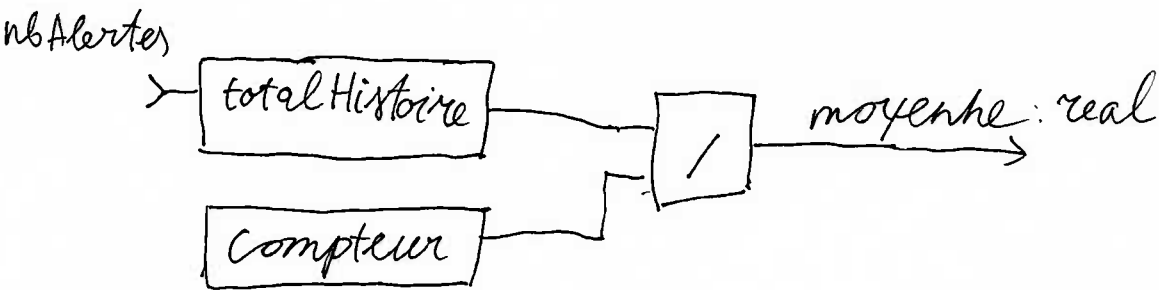
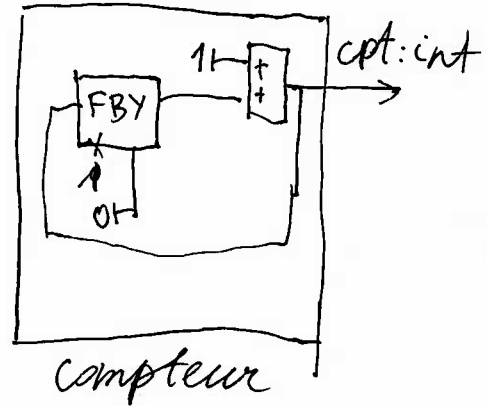
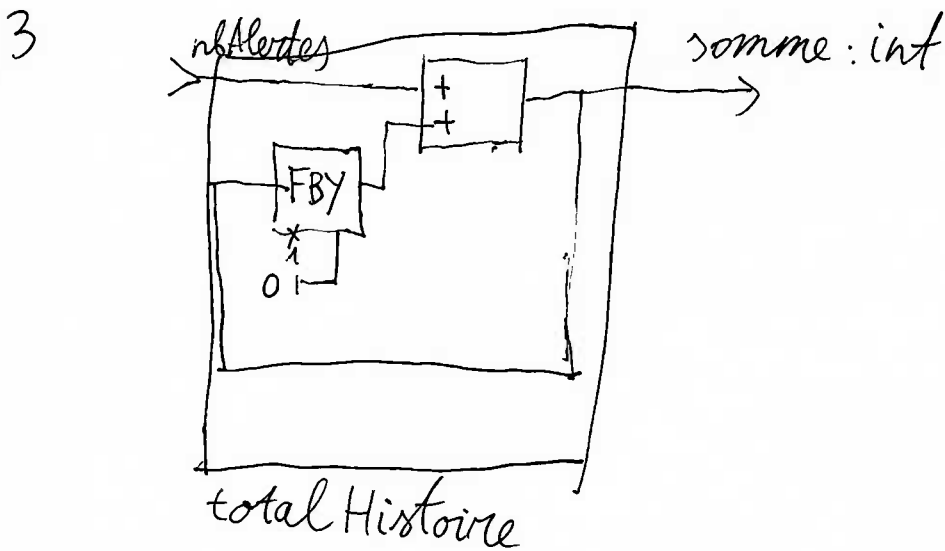
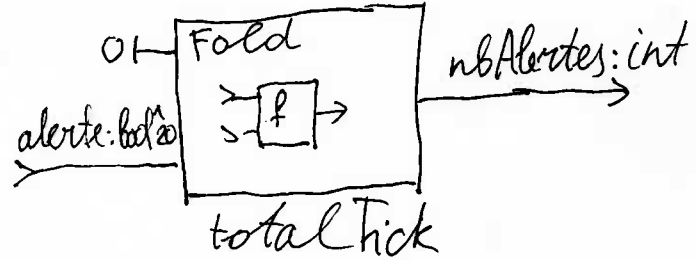
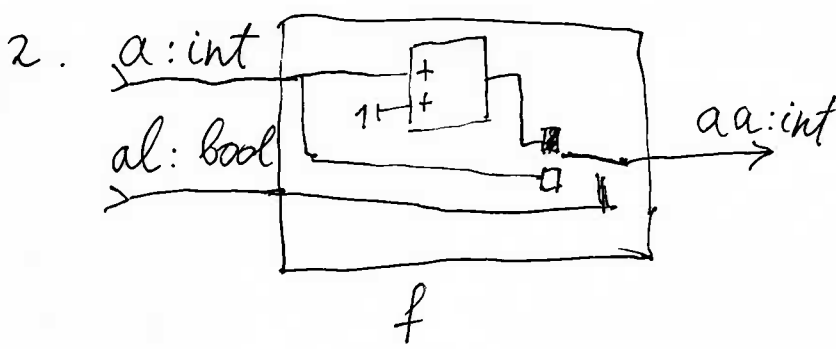
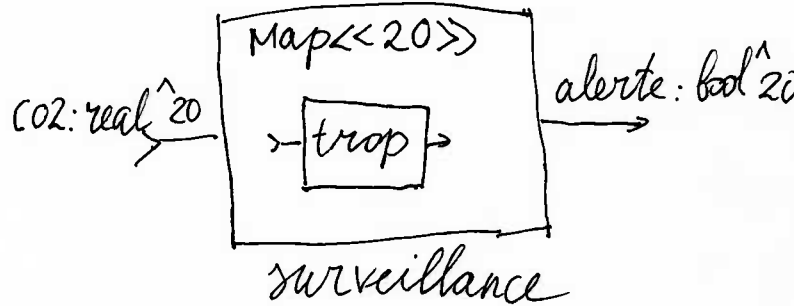
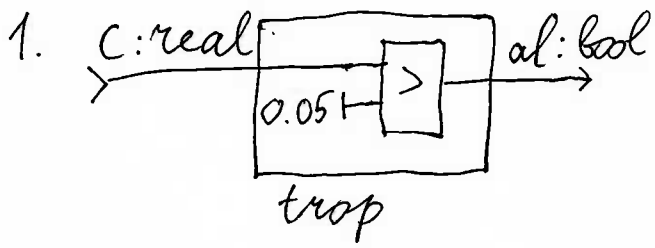
on vérifie que
OK est toujours
vrai

2. On fait $\text{ASSERT}(m > n)$

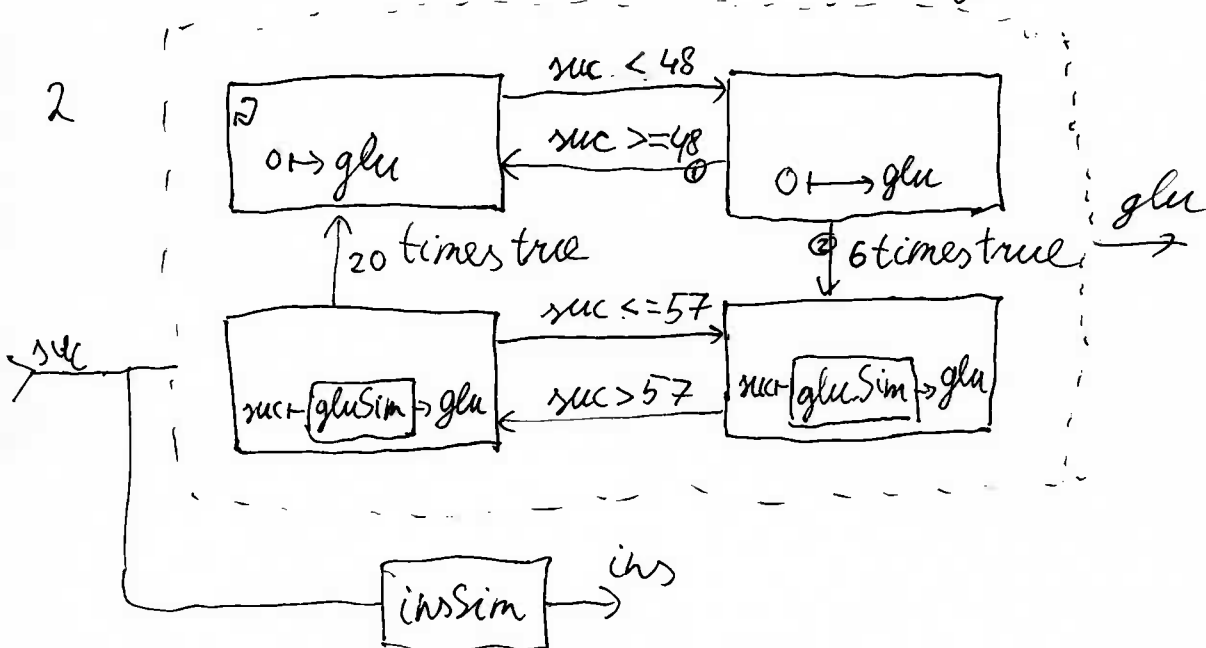
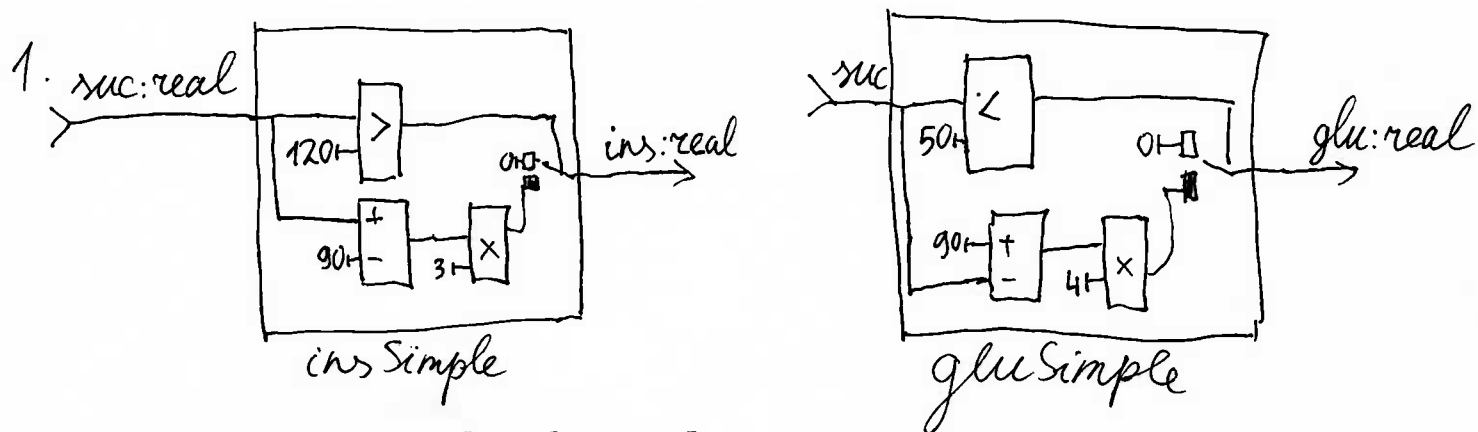


on vérifie que
OK est toujours
vrai

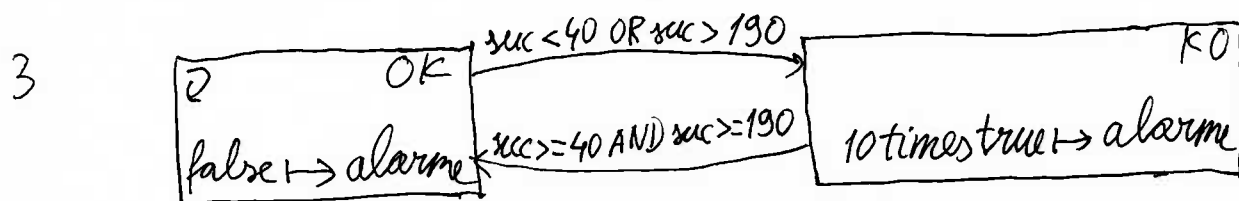
Exercice 4



Exercice 5



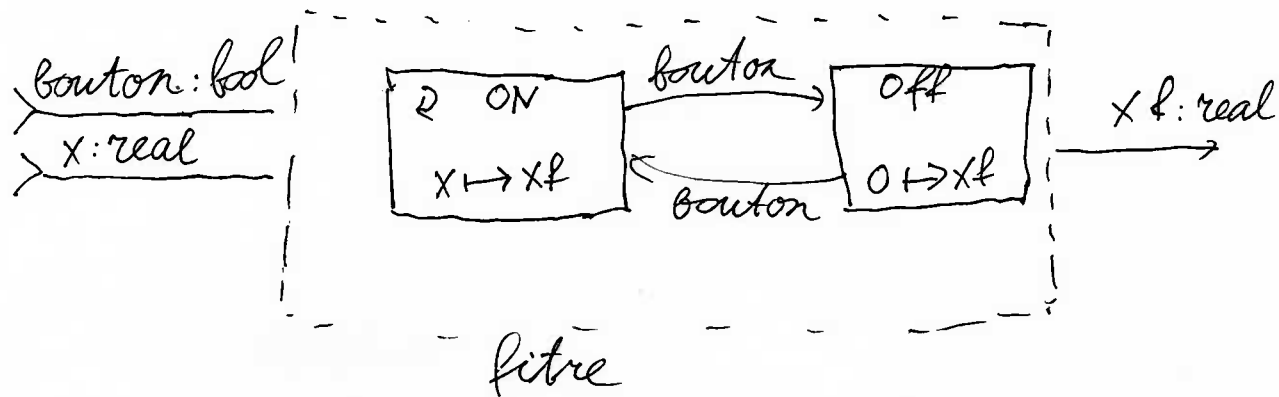
(on pourrait le faire aussi avec 2 états ON/OFF et un compteur pour mesurer le temps)



(ça peut aussi se faire sans automates, avec un compteur)

Exercice 5, suite

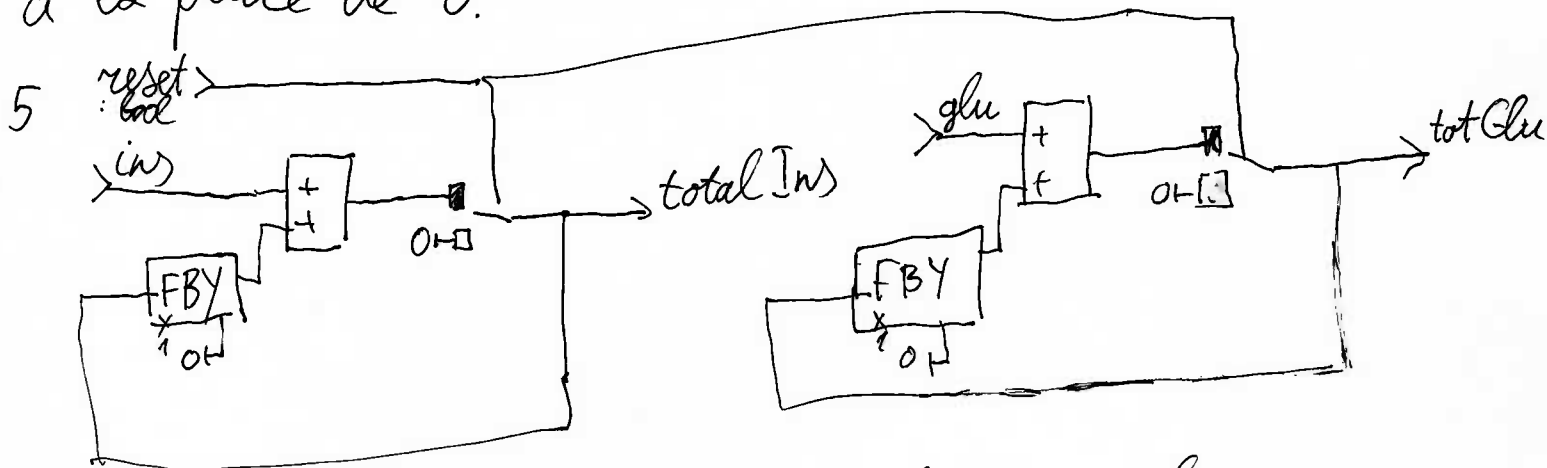
4. On crée d'abord un "filtre"



et on le met sur les sorties de part 2.



Pour l'alarme ça sera pareil mais avec false à la place de 0.



6. on ajoute l'observateur et on vérifie que OK est toujours vrai

