

How does it work?

Make every day count

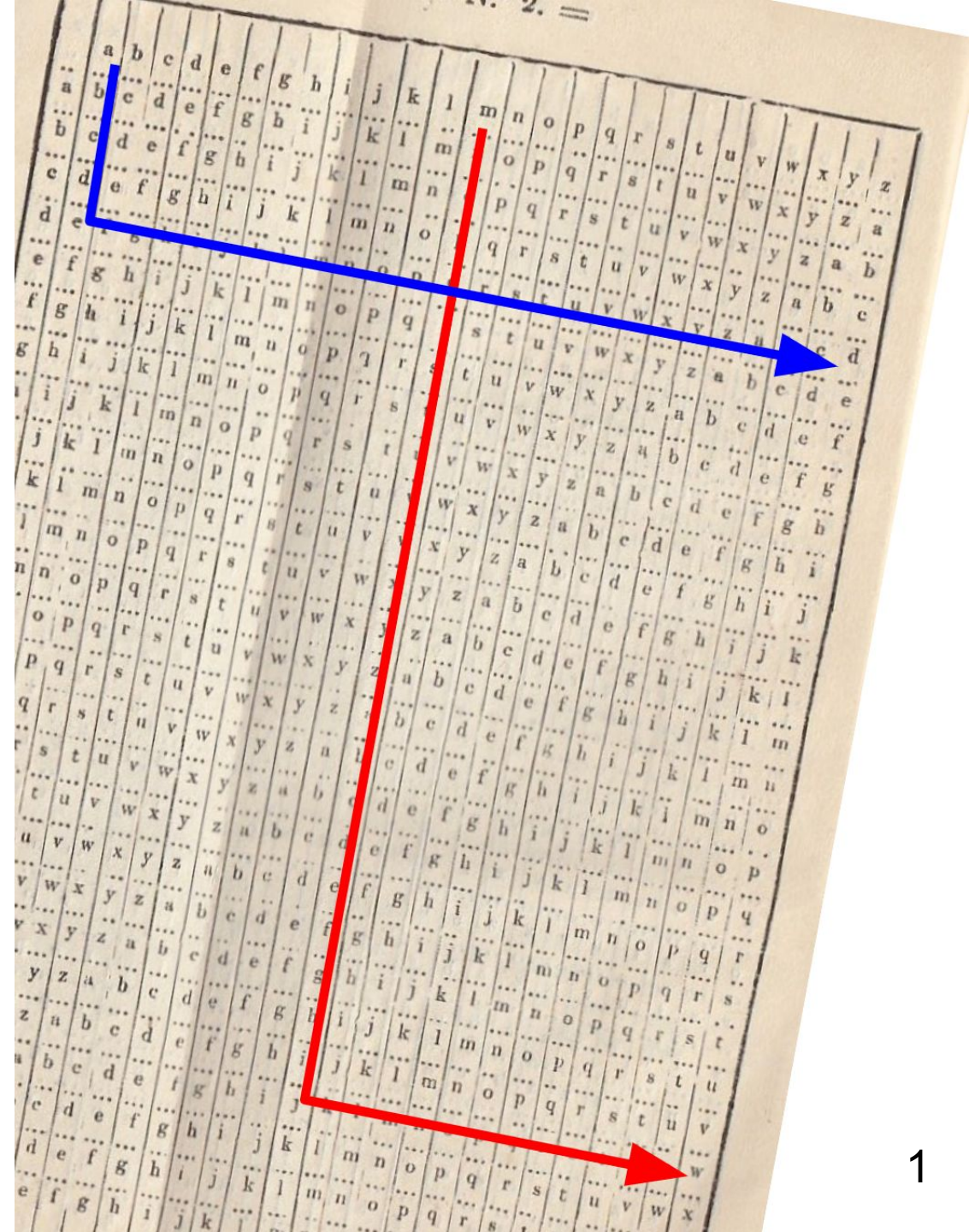
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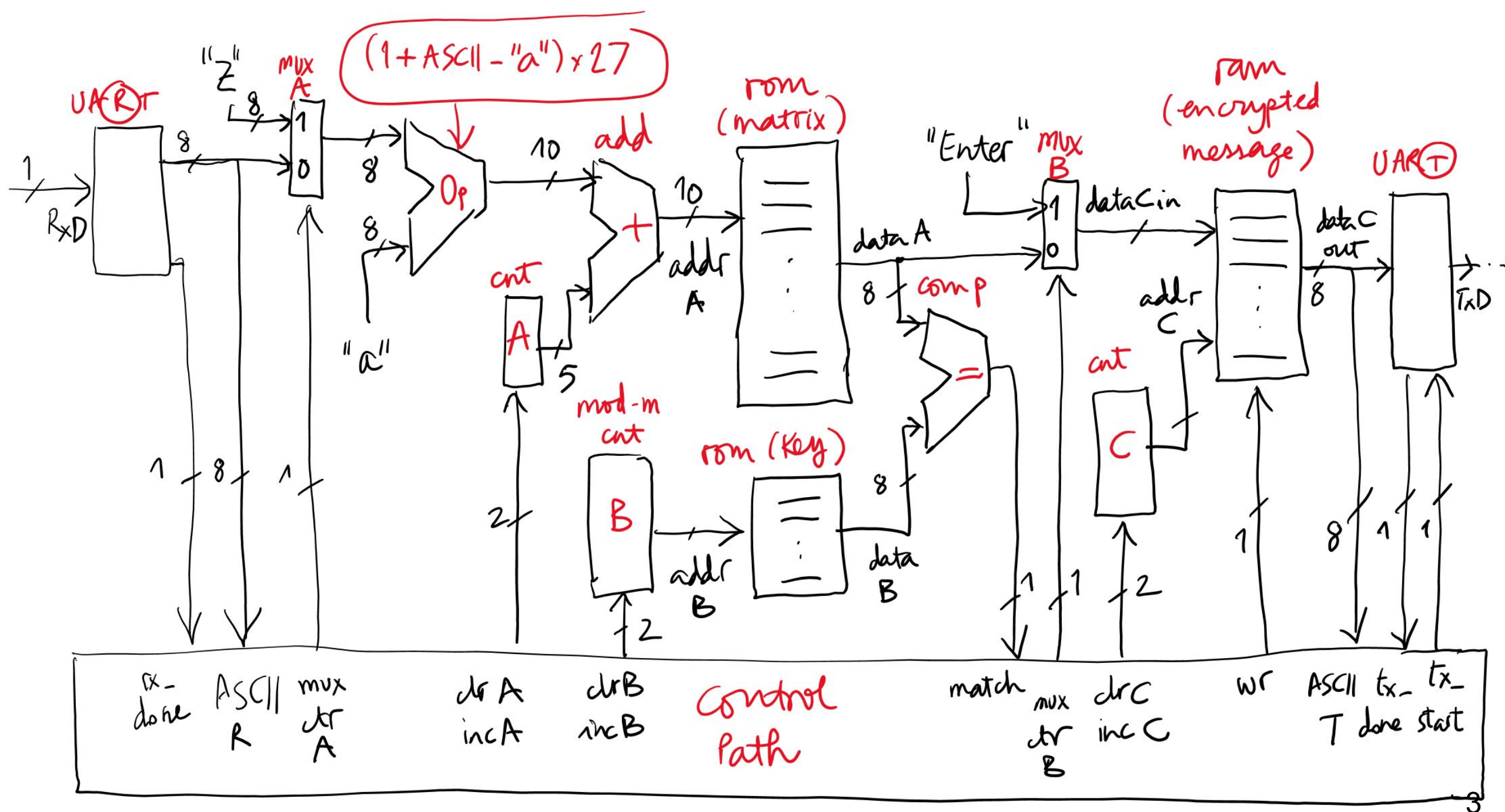
Jean Jacqu esR ousse

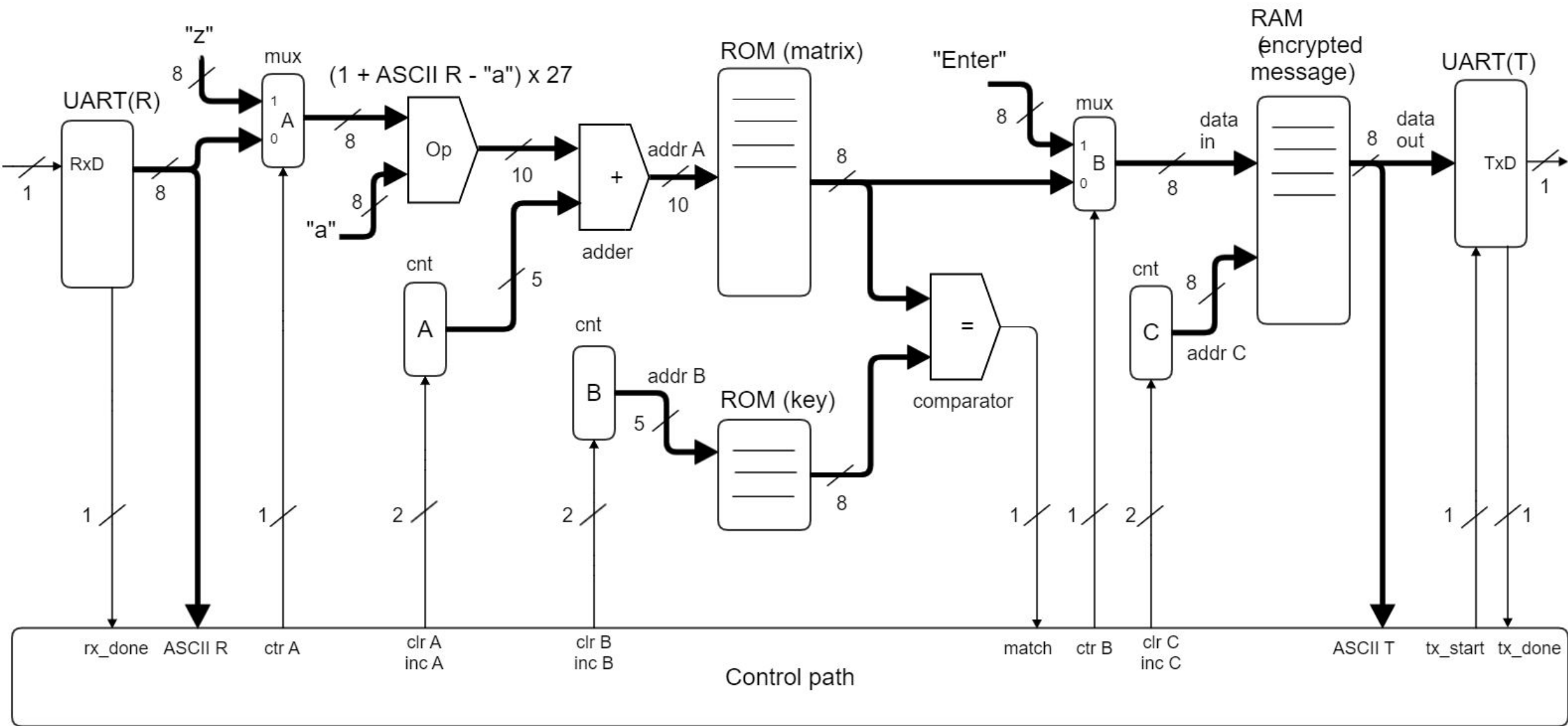
w d p i e e x y v a r s l f x e k

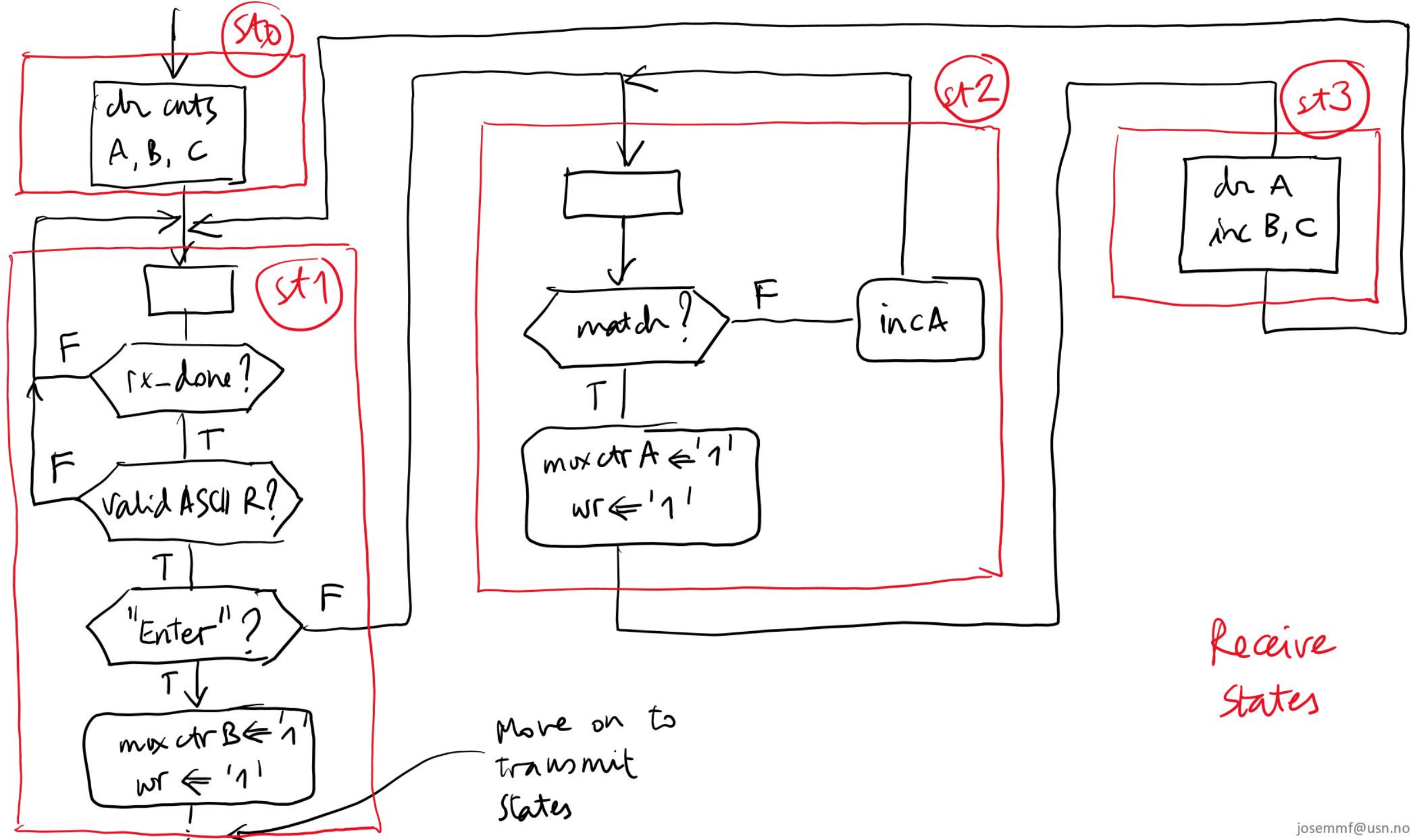
(key: Jean-Jacques Rousseau)

(these slides online at <https://bit.ly/2WKaDdw>)

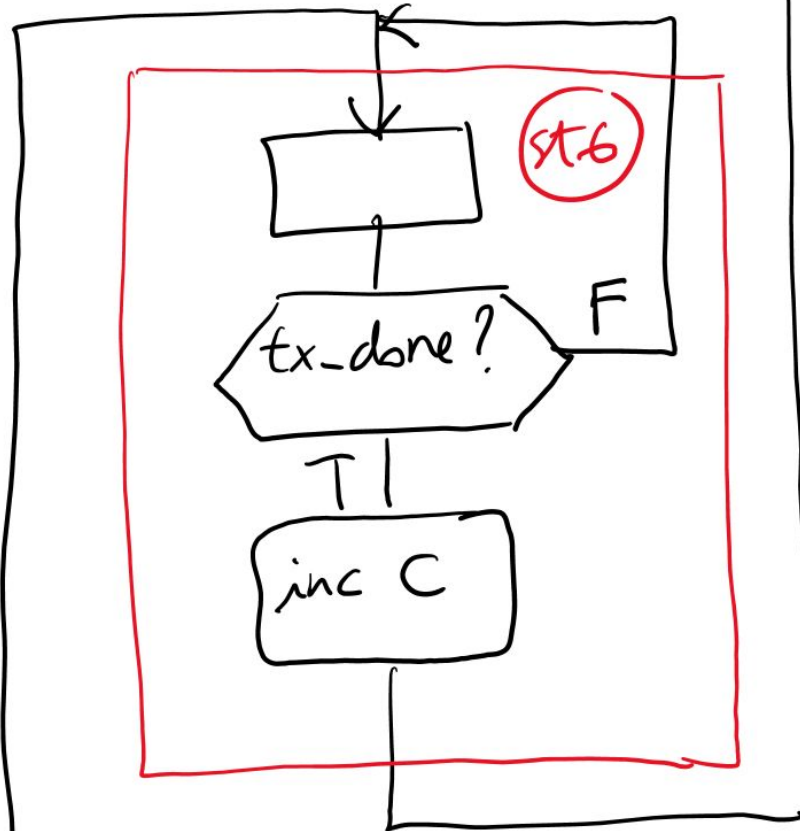
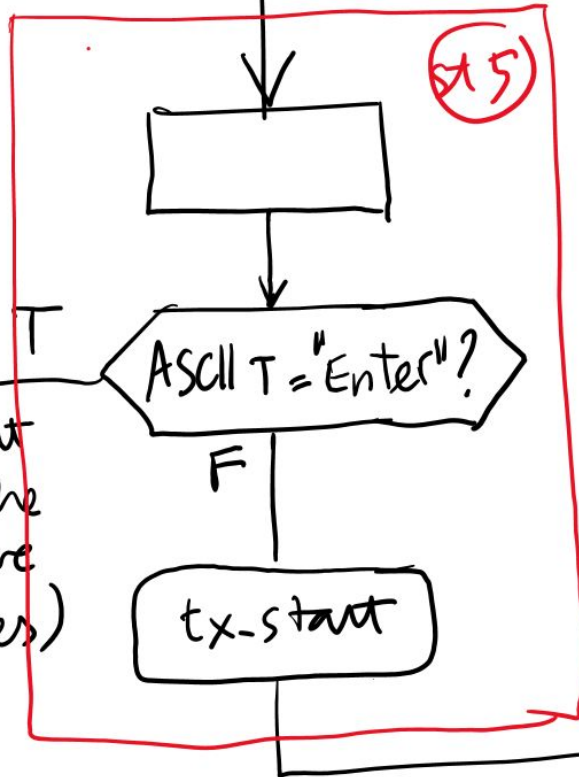
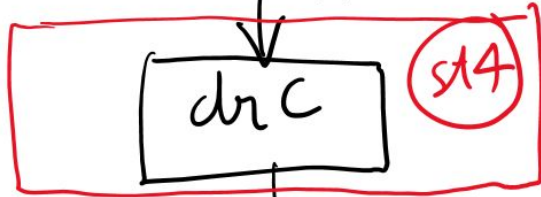




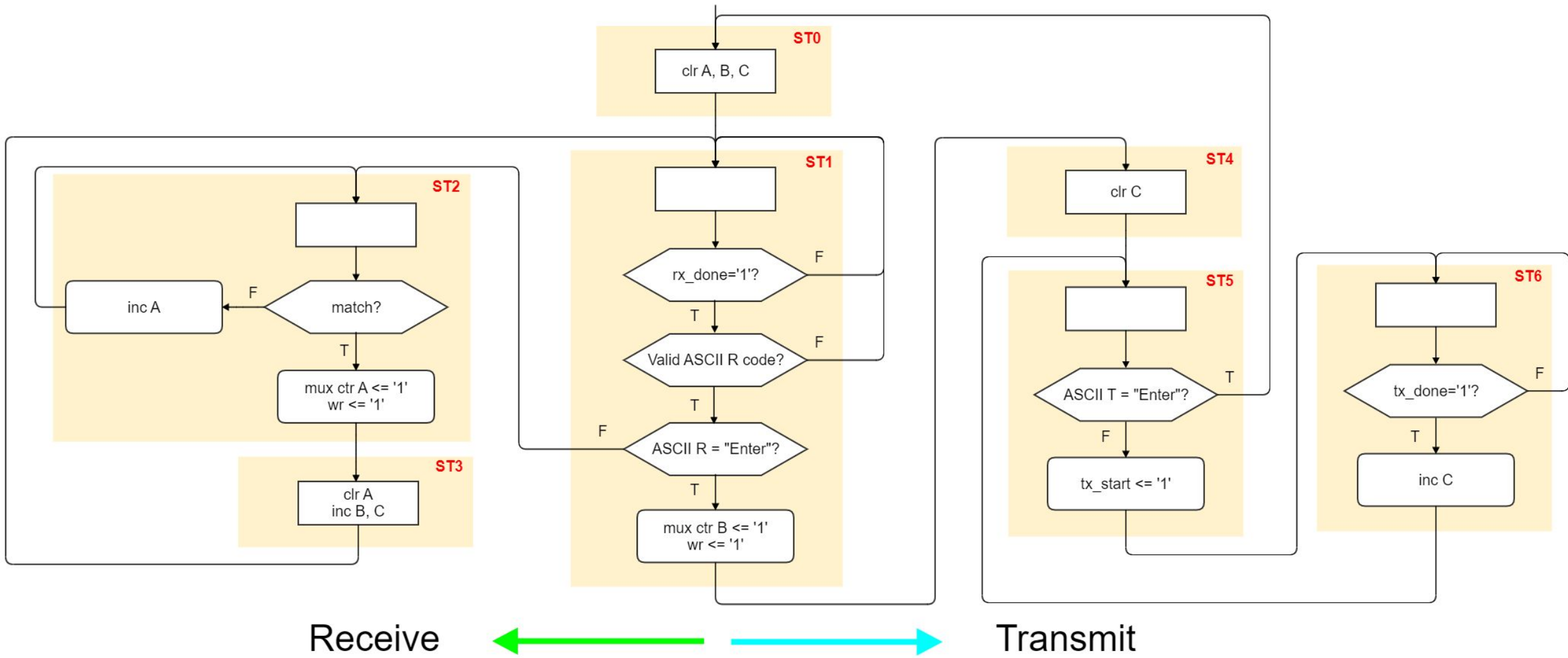




From receive states

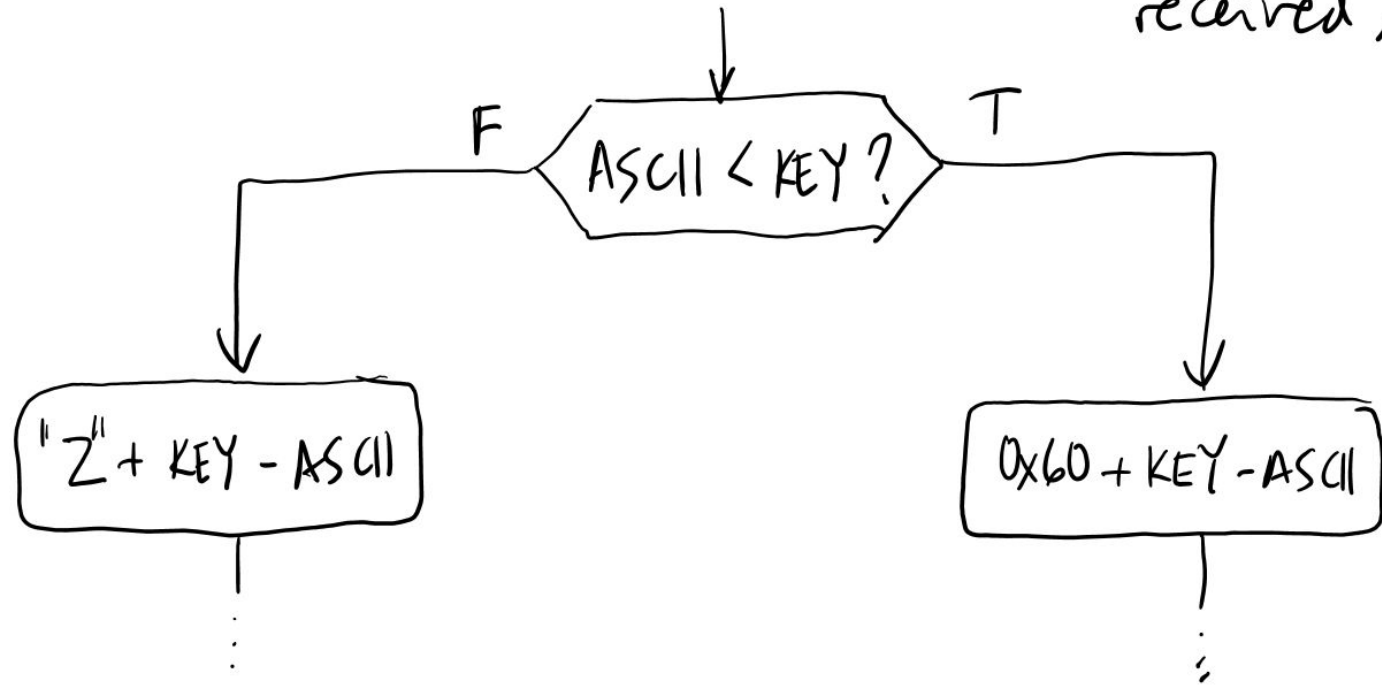


Transmit
states

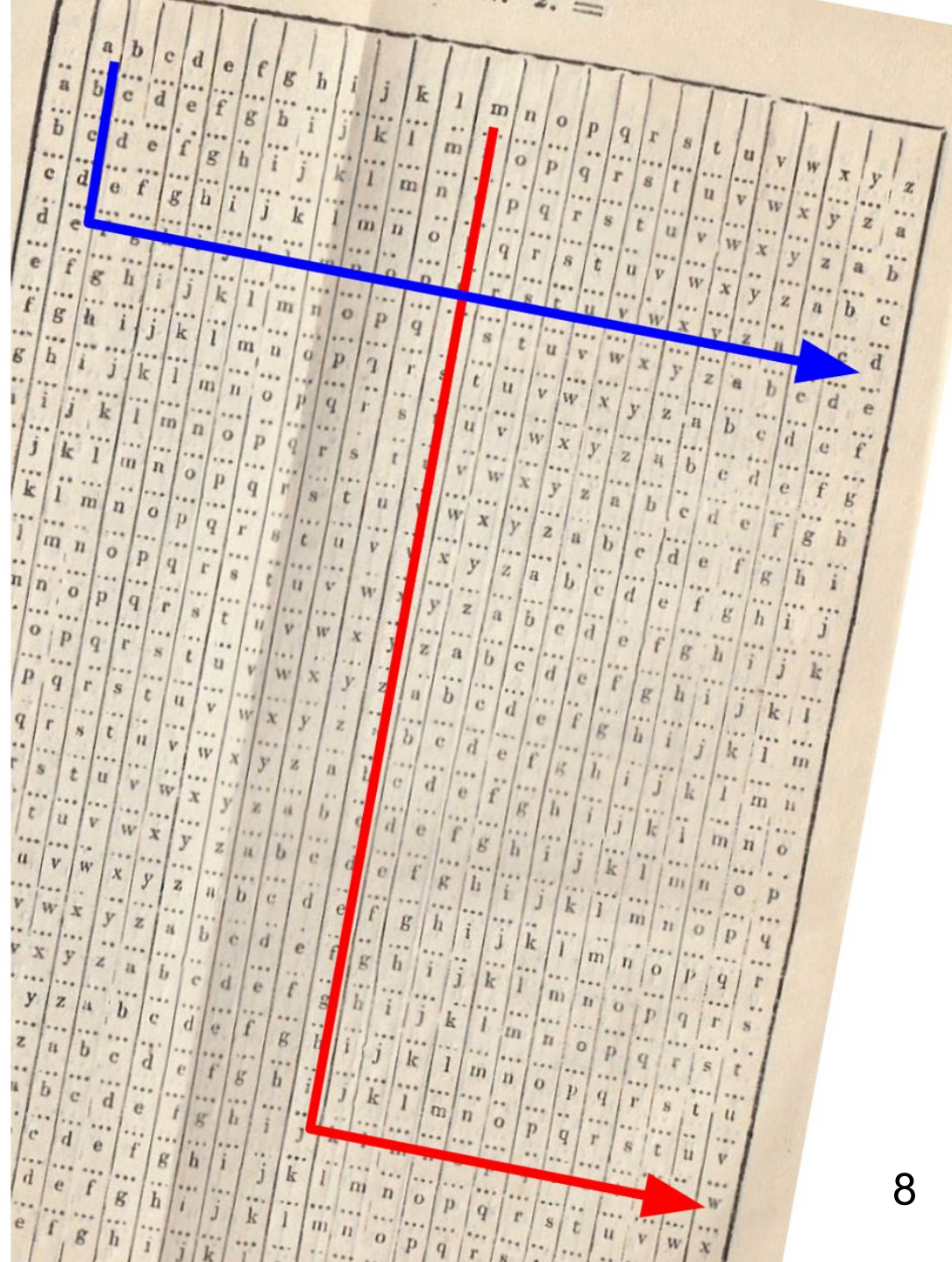


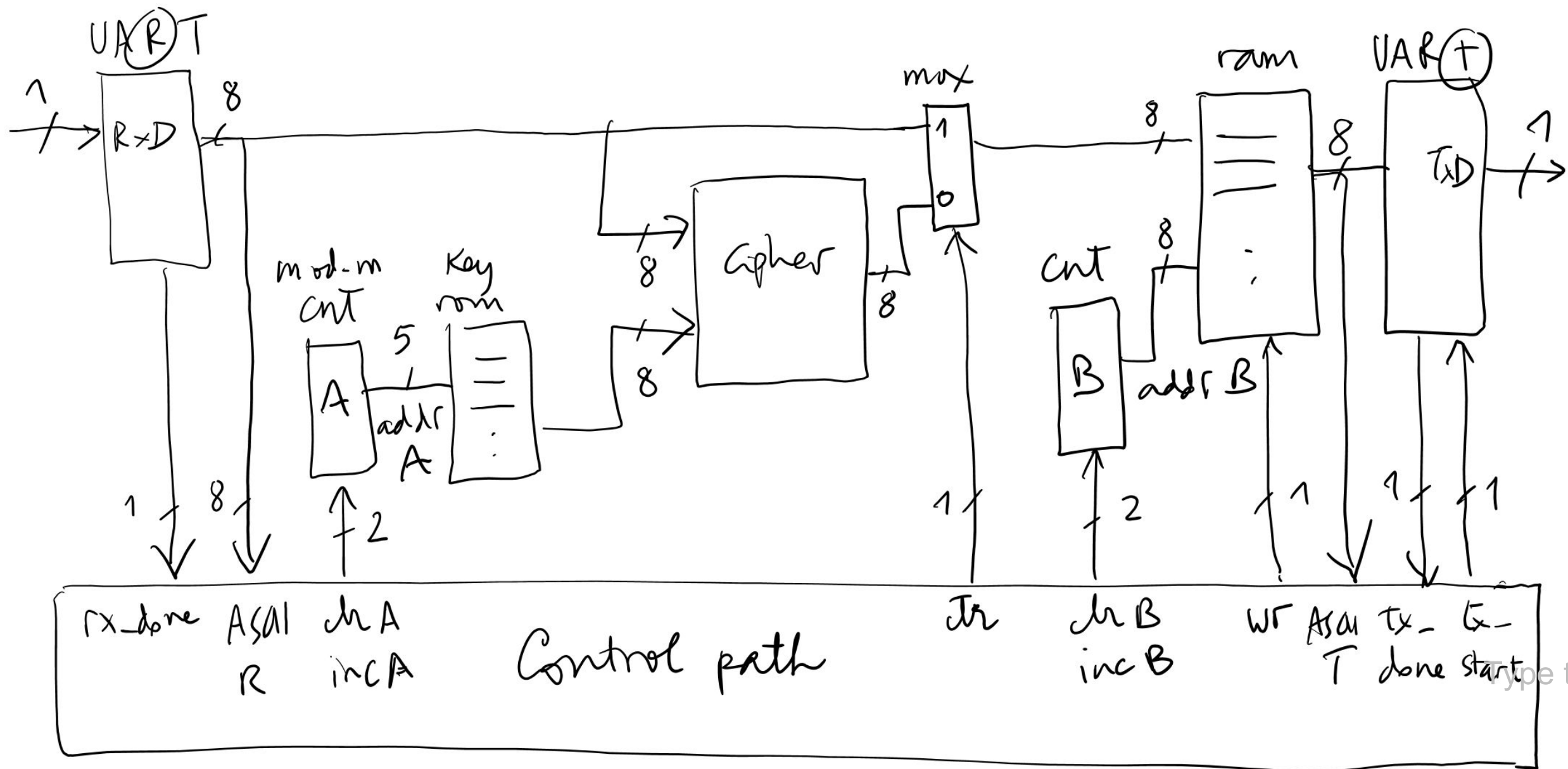
Mathematical alternative

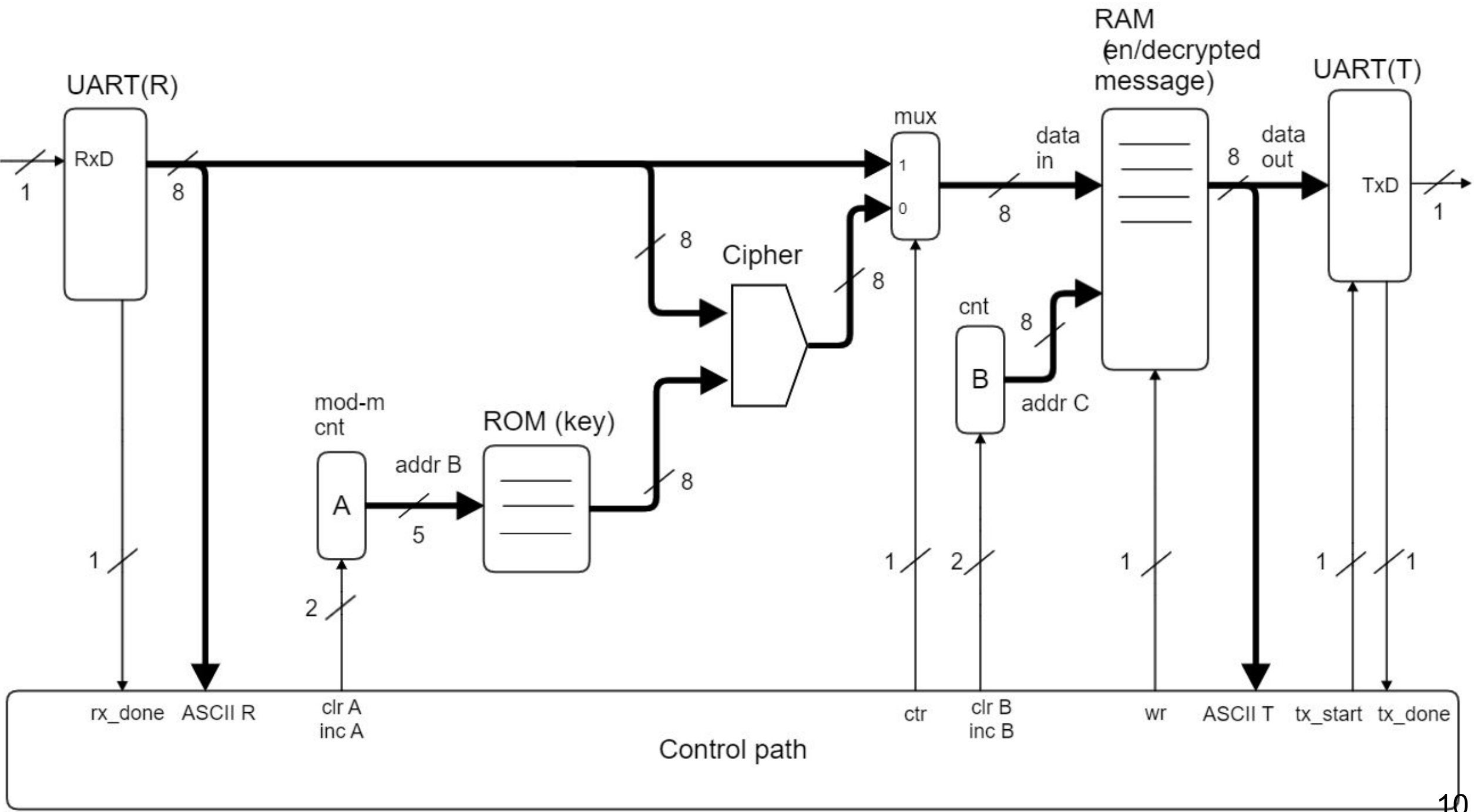
to the matrix ROM: (ASCII represents
the code just
received)

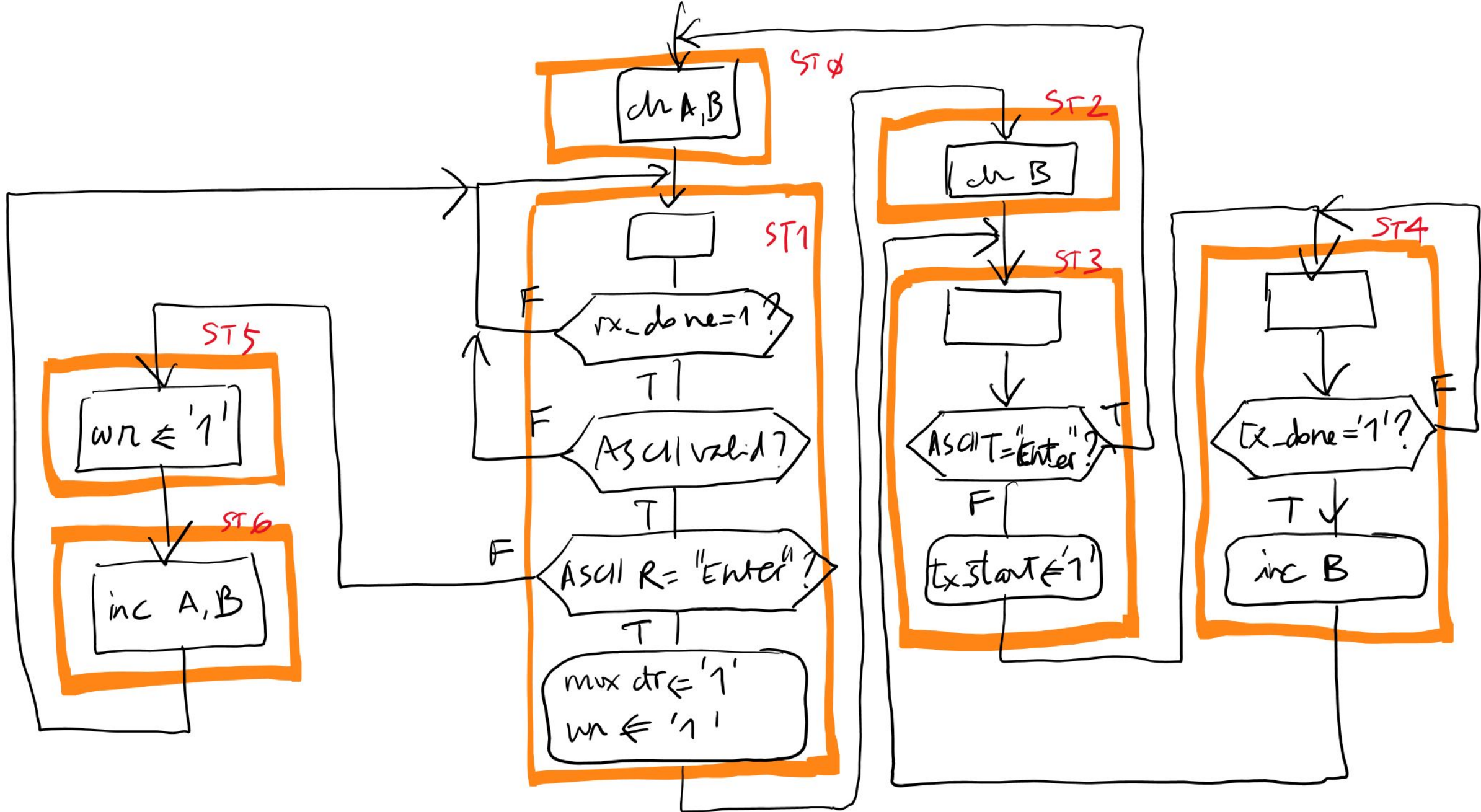


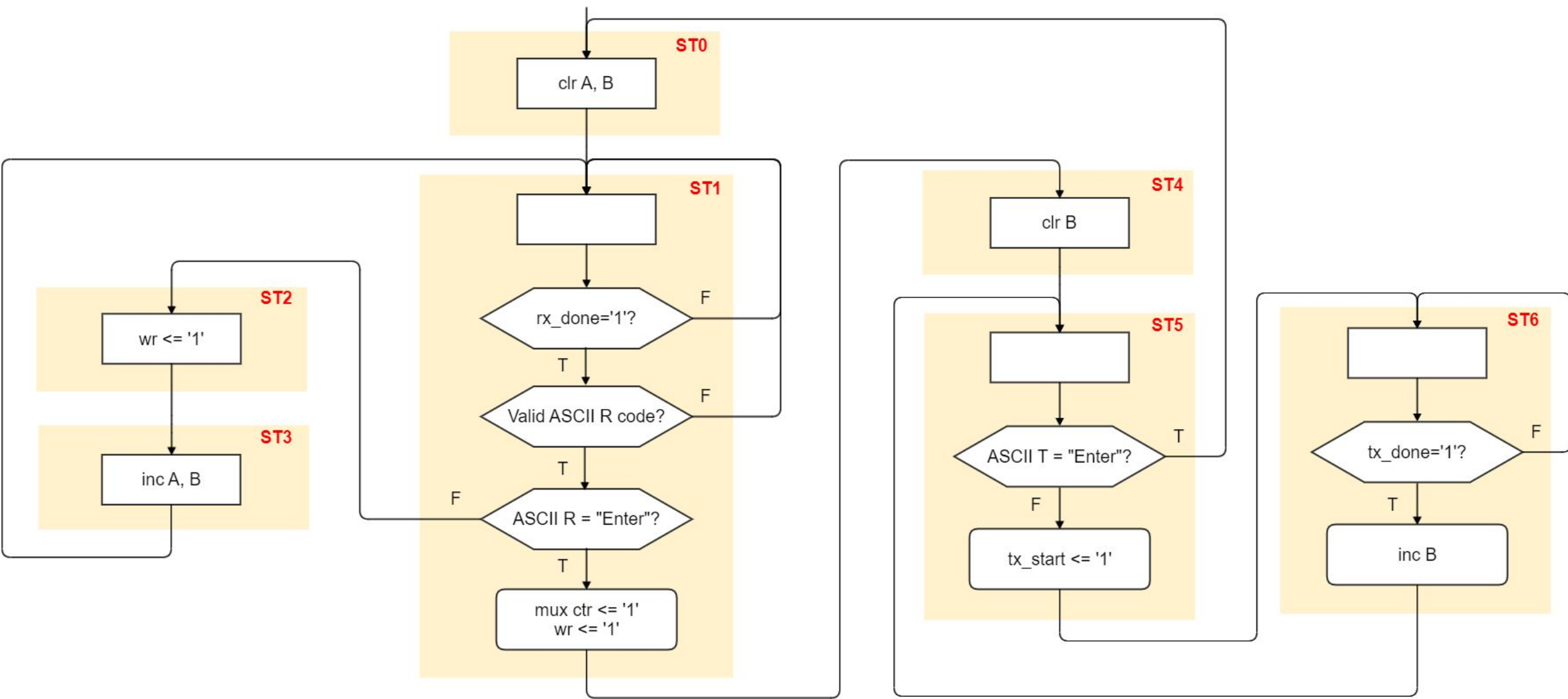
How would this alternative
modify the data path architecture
and the ASM chart?





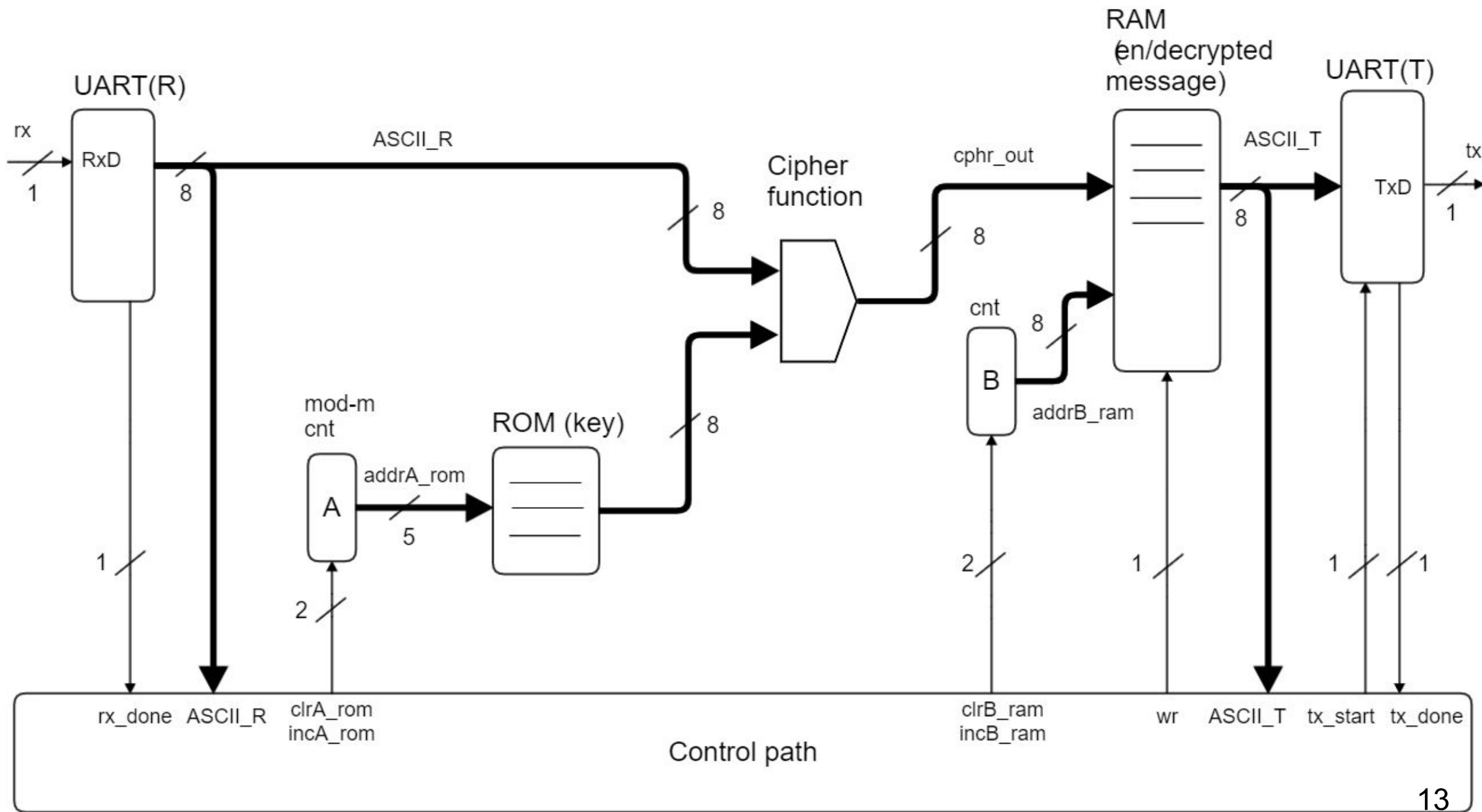






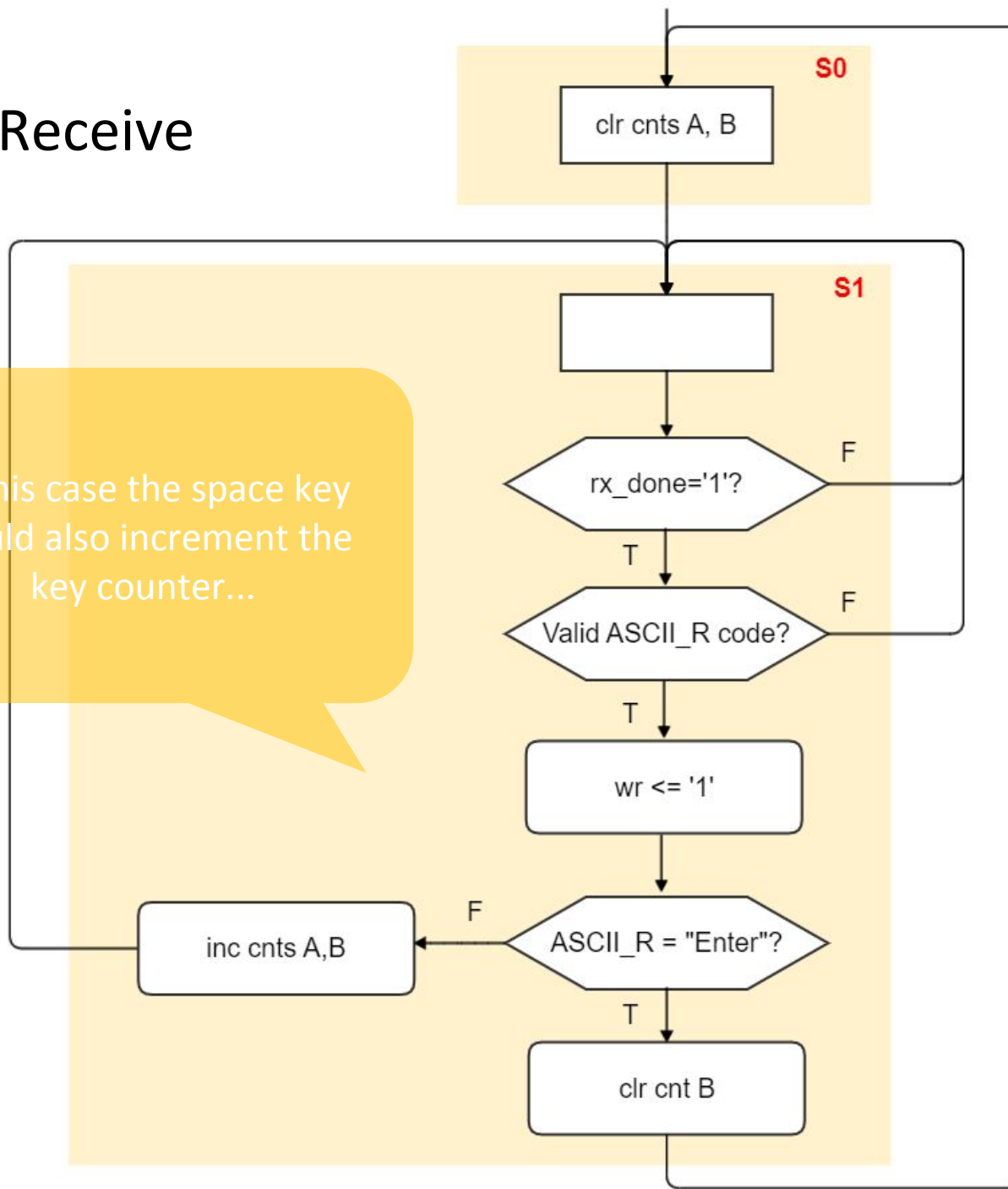
Receive

Transmit

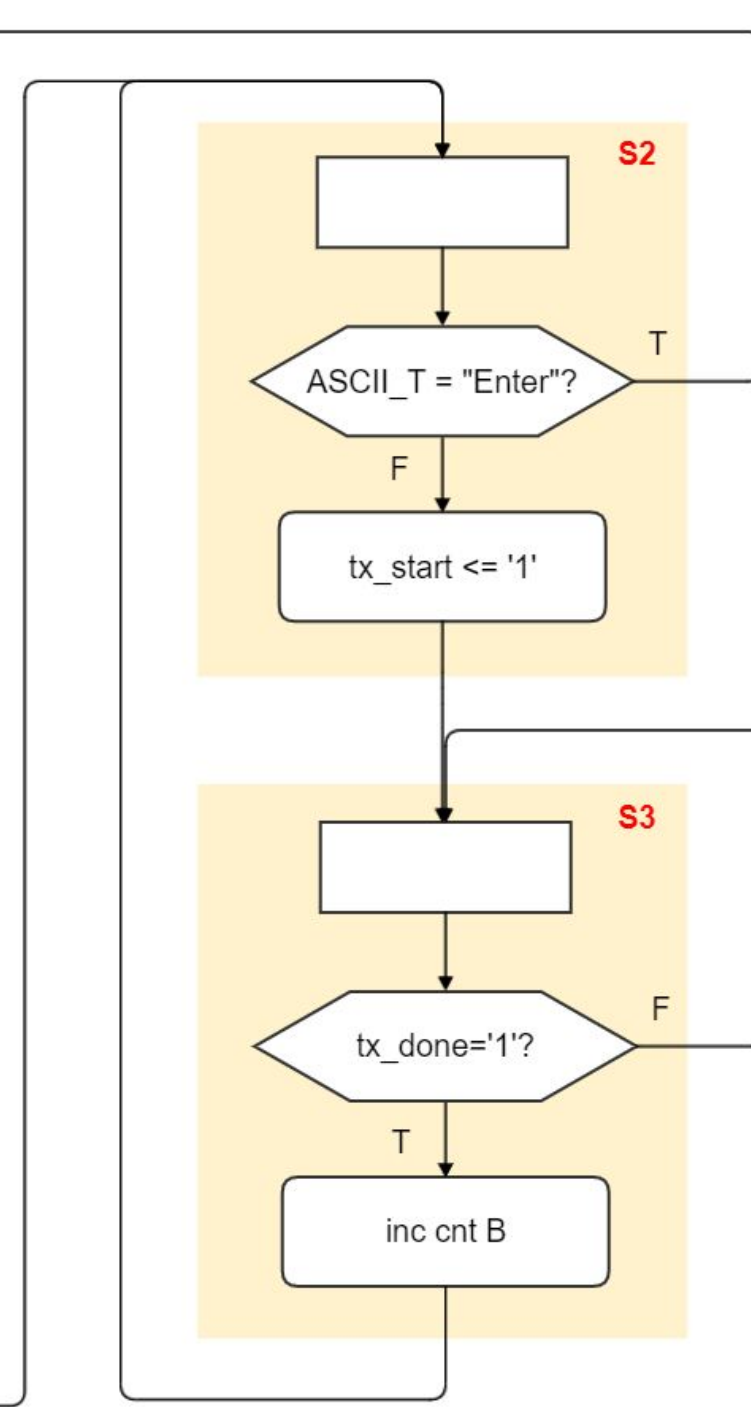


Receive

In this case the space key would also increment the key counter...

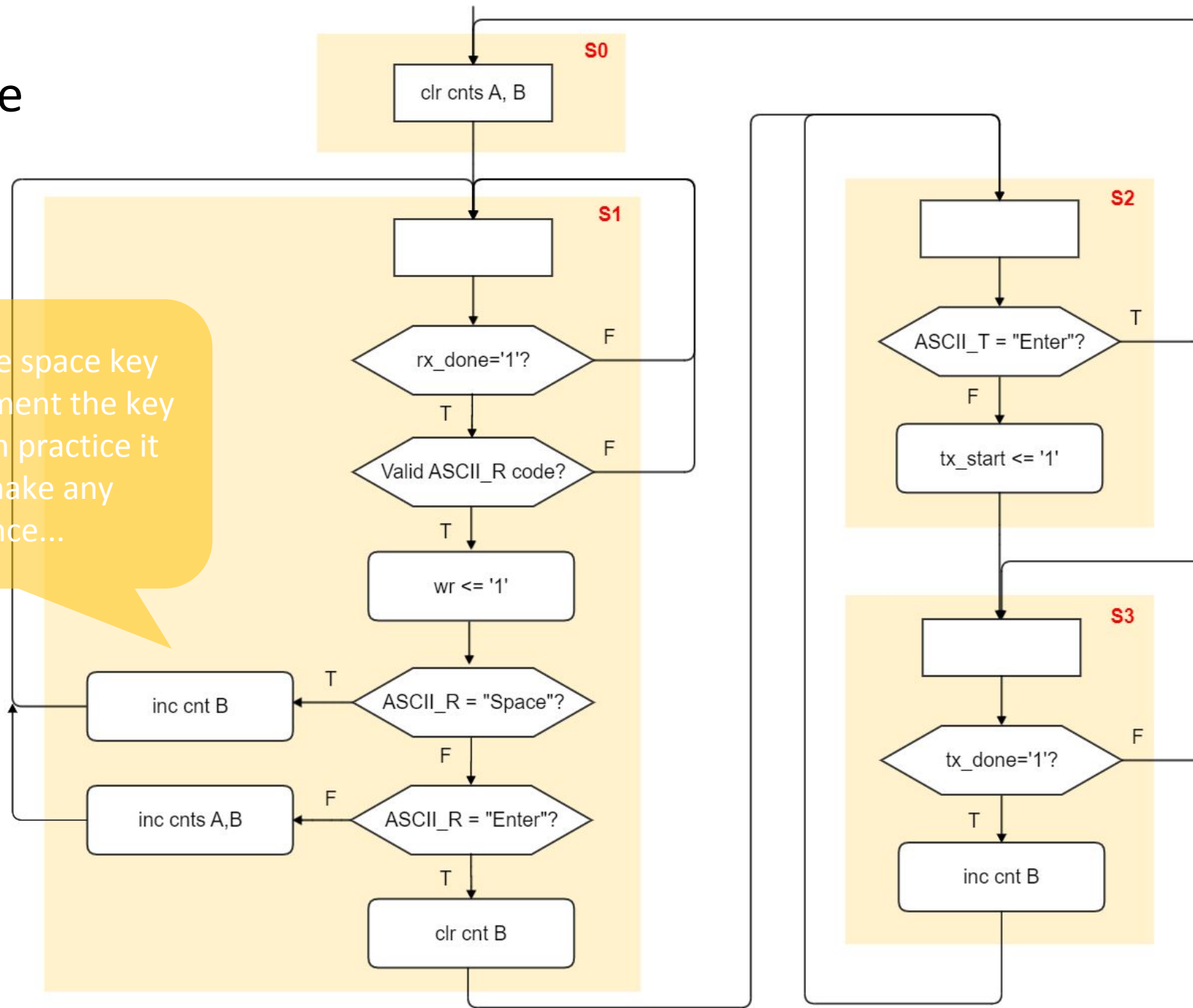


Transmit



Receive

In this case the space key does not increment the key counter, but in practice it does not make any difference...



Transmit