

RUN-LENGTH ENCODING

Compress a string of repeated characters (run) using a count.

Single characters remain as they are.

A run takes 2 characters: char, count.

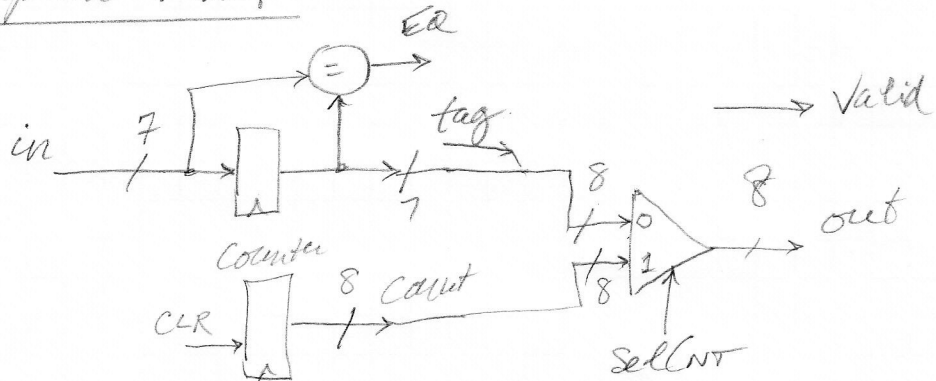
Use a 1-bit tag to distinguish the two types.

<0, A>, <0, B>, <1, C>, <3>, <0, D>, ...

char + count count = #char - 1

⇒ ABCCCCD ...

"Datapath" First



Controller Second

inputs: EQ

outputs: tag, selCNT, CLR, Valid

