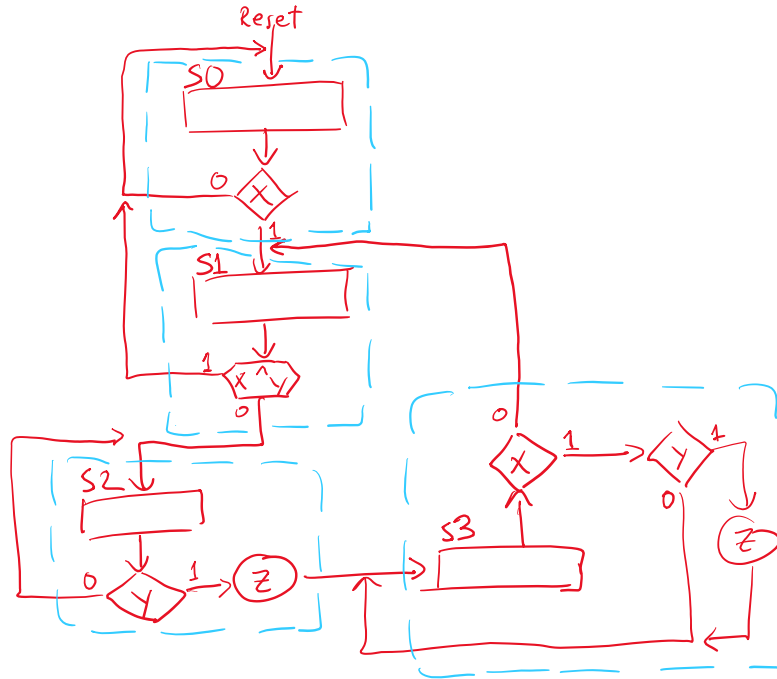# Design of Digital Circuits and Systems, Quiz 3

ASM and ASMD

Solution Outlines

Question 1:

Question 2:

- Alternate names could have been chosen for the data registers and control signals.
- If `roll` was not asserted during initialization, assumed that the initial value was the first roll.
- `Incr_c` could also have been a Moore-type output if `count` was initialized to 0 instead.