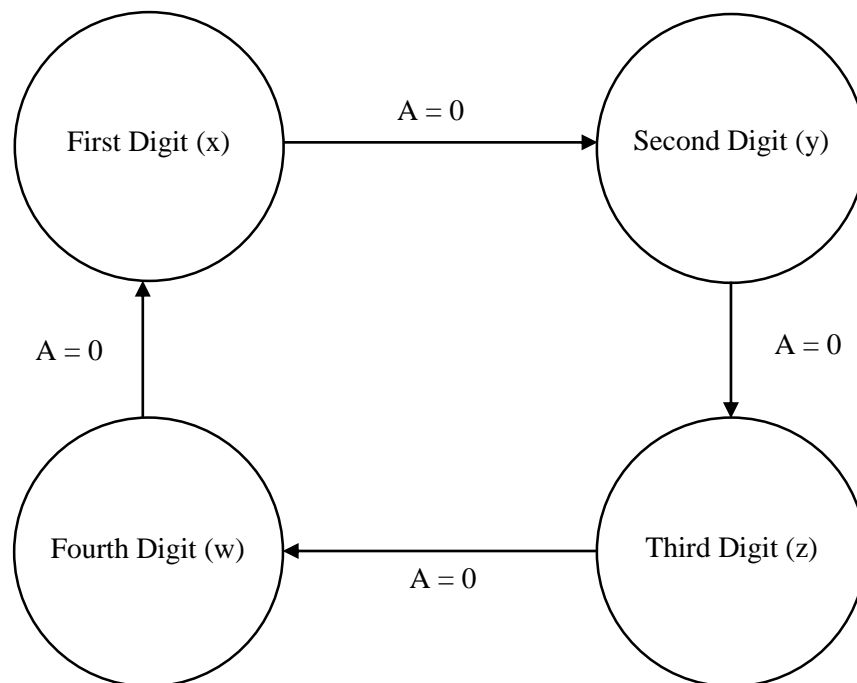
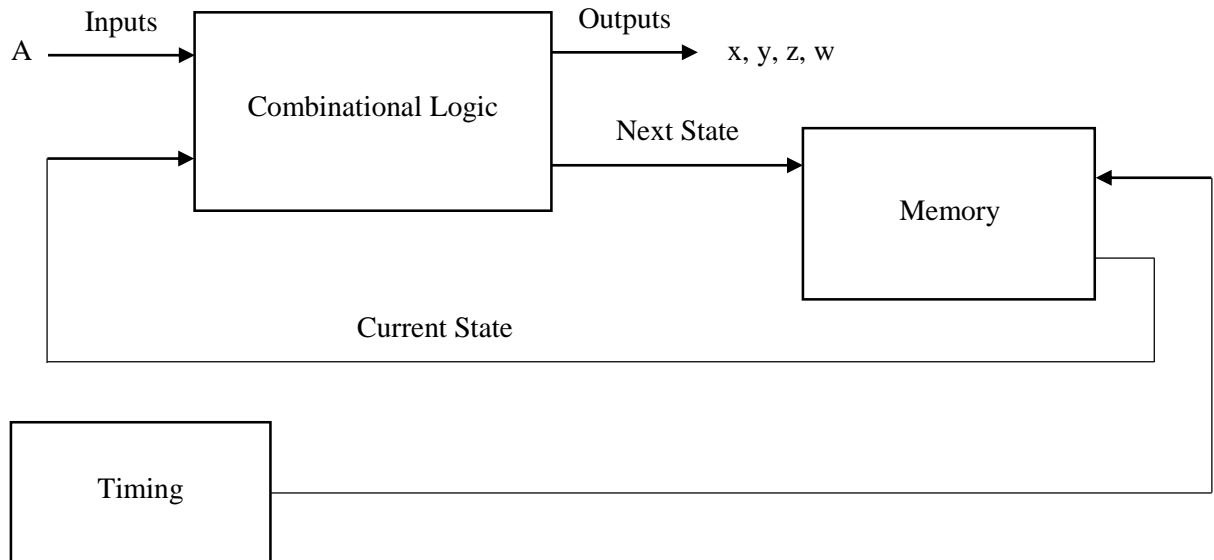


Section 4 Pre Lab:

1. Draw out a state machine that will cycle through displaying different digits on the multiple digit seven segment display. How quickly should that state machine cycle through the digits so that the digits don't appear to blink? Research persistence of vision if you need more information.



The state machine should cycle through the digits at about 40 ms overall, which is about 10 ms per digit on the display.

Based on information of Disney's traditional animation techniques of displaying their drawings on film of about 24 frames per second.