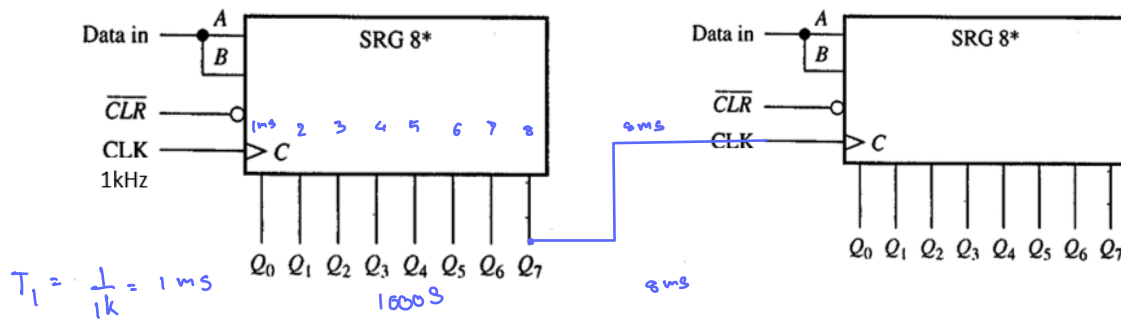


If we have a plenty of 8-bit registers with a 1kHz clock. Design a circuit that can produce the time delay in the range between x and 10x seconds, where x = the last two digits of your student i.d.



$$T_1 = \frac{1}{1k} = 1ms$$

the range between 10 \rightarrow 1010

$$\therefore T_2 = \frac{1}{8ms} = 125s \#$$