




COMPUTER SYSTEM

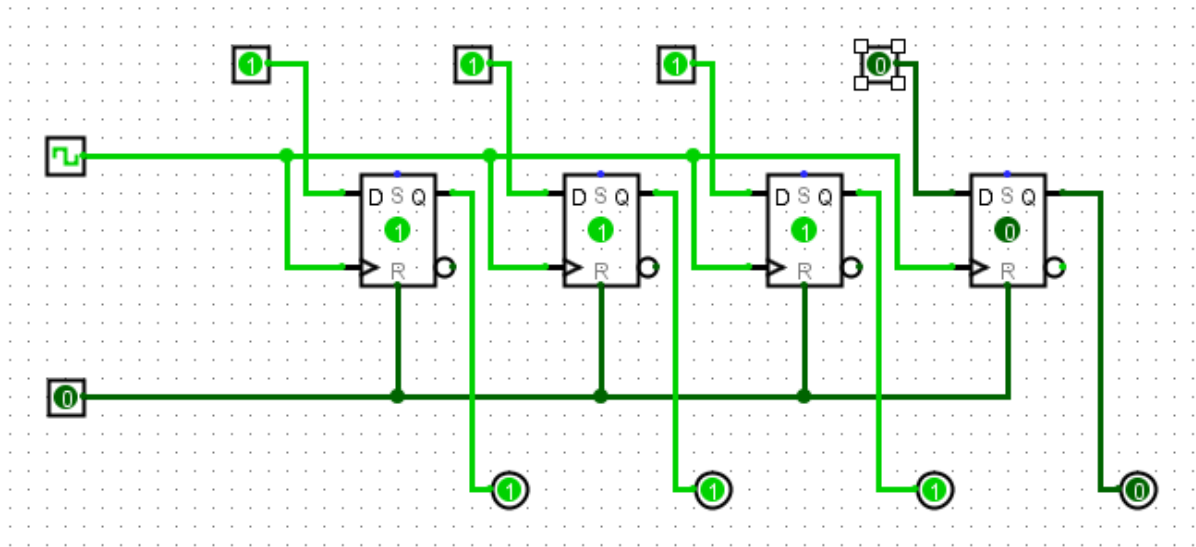
LAB 03

TRAN DUC ANH DANG

103995439



4-bit Register



| Ox | Input | Output |
|----|-------|--------|
| 0 | 0000 | 0000 |
| 1 | 0001 | 0001 |
| 2 | 0010 | 0010 |
| 3 | 0011 | 0011 |
| 5 | 0101 | 0101 |
| A | 1010 | 1010 |
| B | 1011 | 1011 |
| C | 1100 | 1100 |
| D | 1101 | 1101 |
| E | 1110 | 1110 |
| F | 1111 | 1111 |

7.1 - Keeping track of the time, Microprocessors

7.2 - A ripple counter is an asynchronous counter in which an external clock only synchronises the first flip-flop. The output of the previous flip-flop serves as the clock for all subsequent flip-flops.

