Today's Qns:

Q1. 
$$0 \times 2F$$
  $\longrightarrow 2 \times 16 + 15 \times 1 = 47$ 
 $+ 0 \times 3A$   $\longrightarrow 3 \times 16 + 10 \times 1 = 58$ 
 $0 \times 73$   $\longleftarrow 516 16$ 
 $\times 9 \times 7$ 

Ans:  $0 \times 73$ 

i) load operand A from memory to societien

1 boad operation \rightarrow 2 cycles

ii) boad operand B from mem. to societien

1 boad operation \rightarrow 2 cycles

1 boad operation in the ALU using operands A

and B

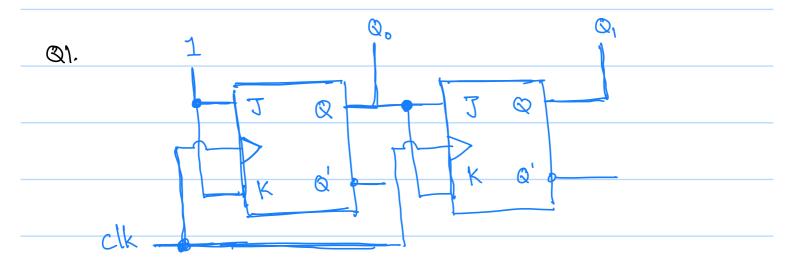
1 arithmetic operation \rightarrow 1 cycle

iv) Store the secret in memory

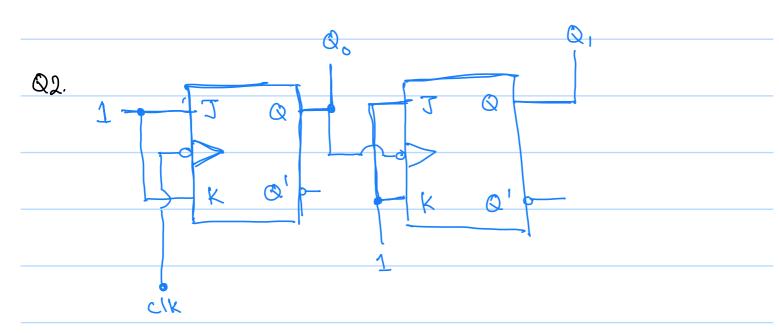
I store operation - 2 uples

## .: Total no. of ydes = 2+2+1+2 = 7 ydes

## Polenious Tut's Ons:



## 2-bit synchronous counter duing JK-FF



2 - Bit Ripple Courter signing JK-FF