GCD/GCD

20 50

50 20 0 20 50 2 20 50 10 20

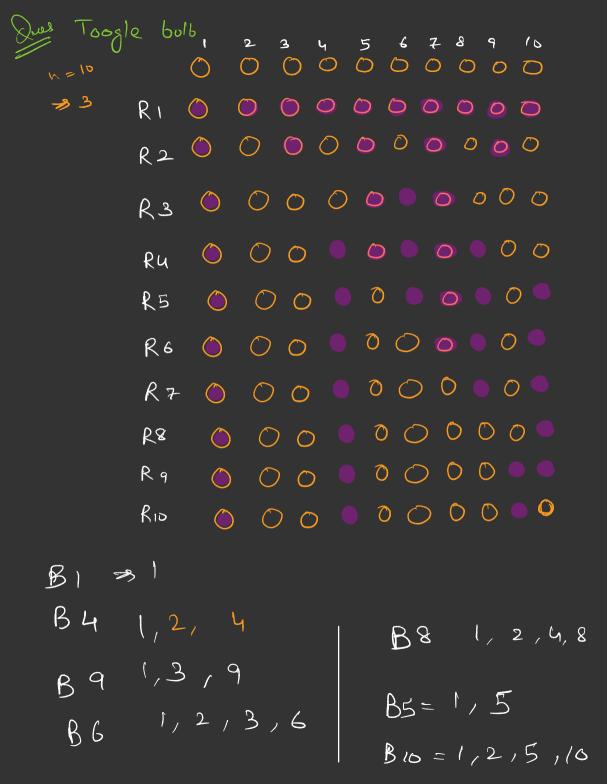
acd (int a, int b)

gcd (6, av.b)

Qcm x hc8/gcd = axb

Rcm = a \* b / gcd.

Rcm - Reast common multiple (a,6) Ques Evenly divisible number -> 1cm (1....n) Qcm ( Qcm(a,b), c) 3 Dcm(a,b,L) 3



n -> 2 paime nombeen whose som is n

2 -> 1,1

6 -> 1,5

Seive -> O(n)

67

80x(1=1;1<= n/2;1++) 2

il ( Sieve [i] == 7 && sieve (n-i] == 7) &

syso (i, n-i);
3 setuan

 $n \times 209, (209, n)$   $n = 10^9$   $10^9 \times 209, 209, 20^9$   $10^9 \times 209, 209, 209$   $10^9 \times 209$   $10^9 \times 209, 209$   $10^9 \times 209,$