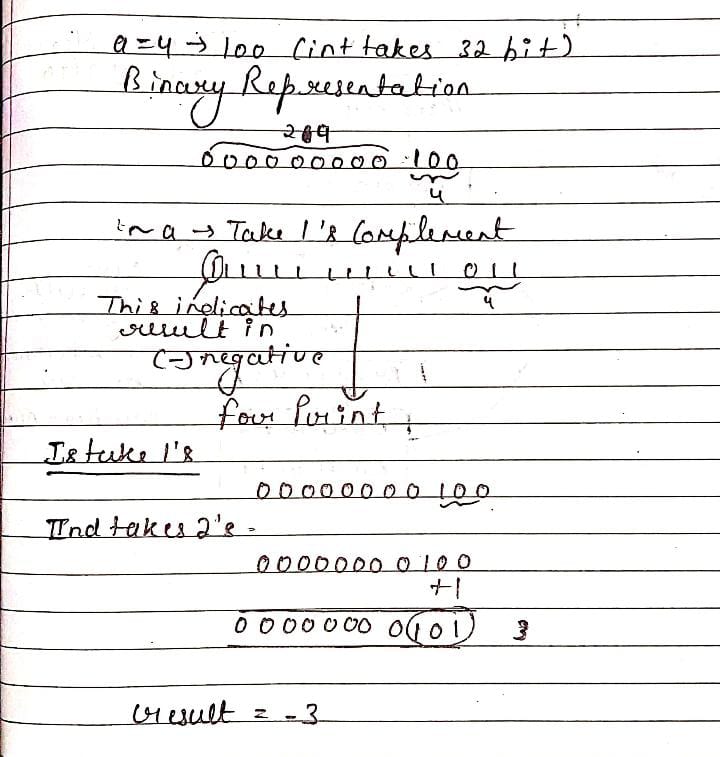
Bitwise Operators



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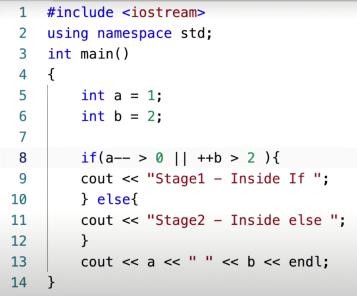
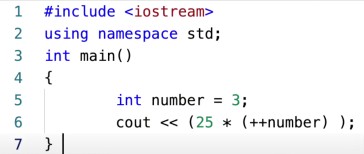
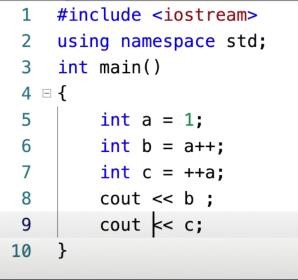
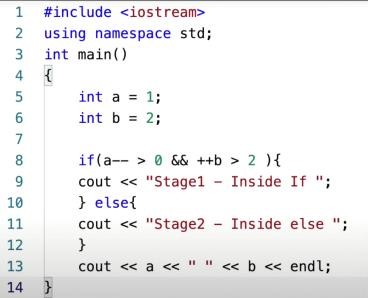
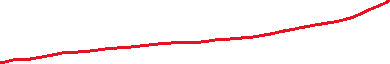
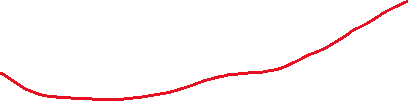
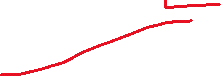
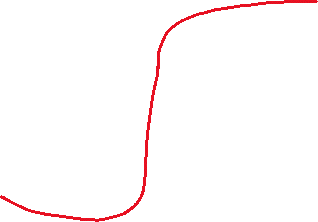
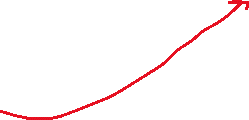
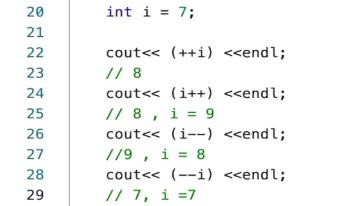
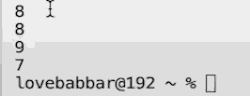
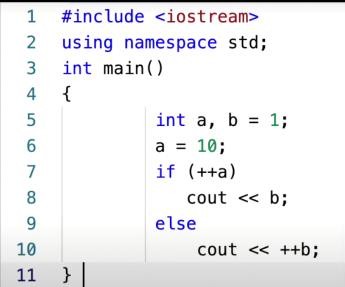
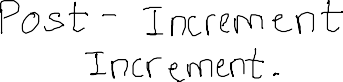
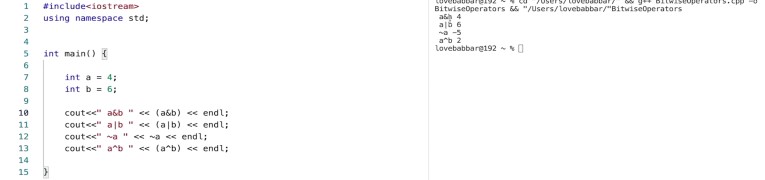
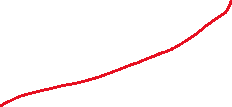
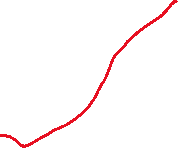


Thi means value positive this jbtk MSB is 0 ,

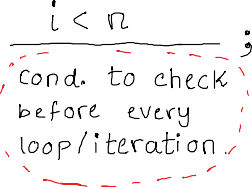
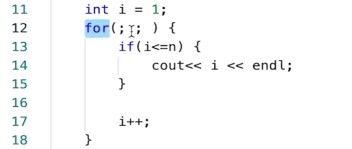
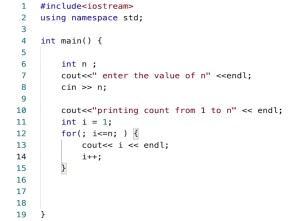
But after 1 left shift +ve value becomes -ve value

Because its msb value is 1 , That’s why left shift is

best for smaller value not For bigger value

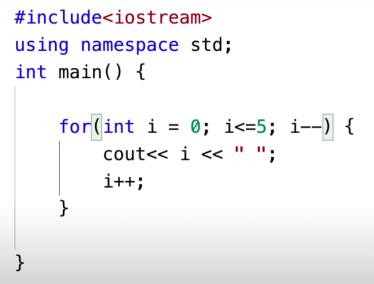
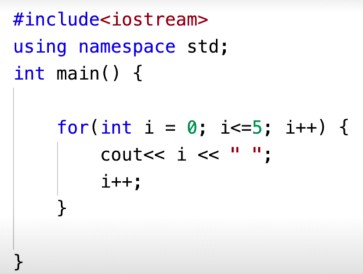
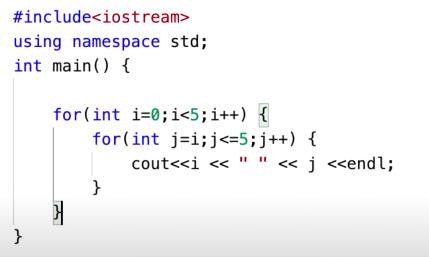
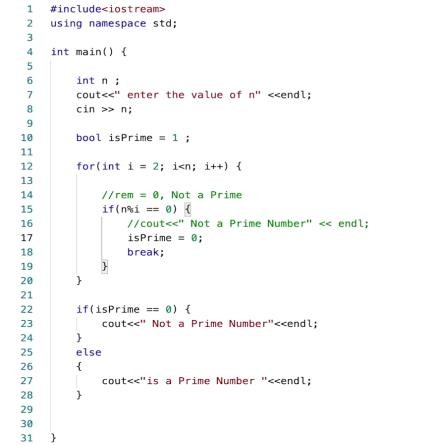
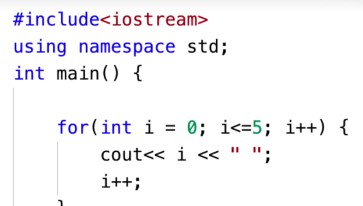
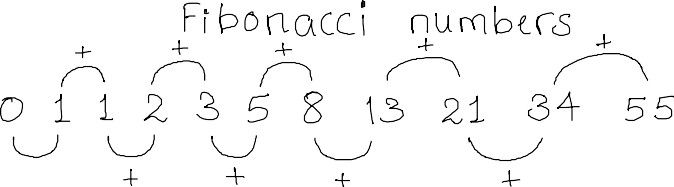
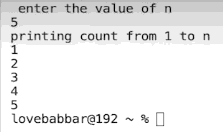
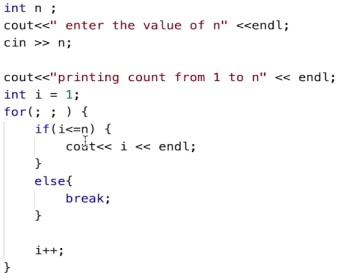
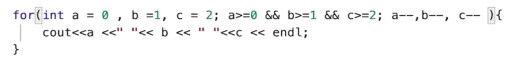
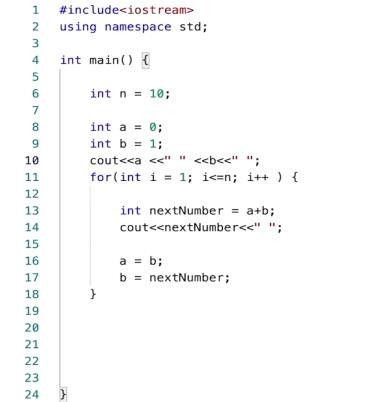
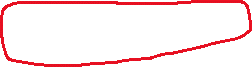


For Loops



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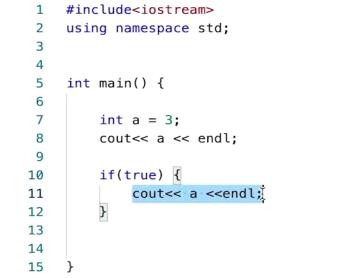
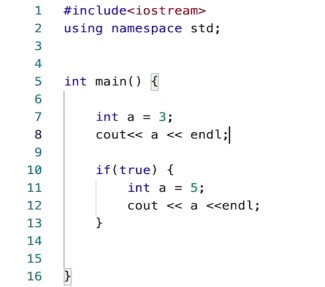
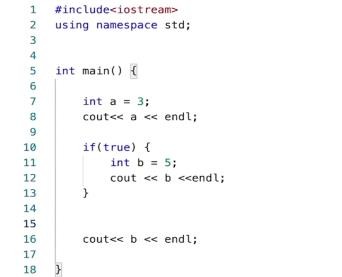
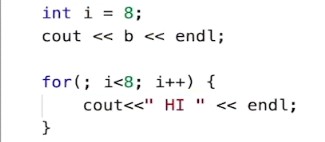
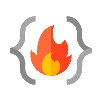
19:11



**Continue** wala jb encountered hoga **, tb wo aage ka expression exexute krne ki bjae direct next iteration pr bhej deta hai**



Variables and Scope



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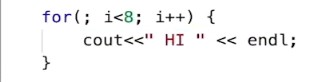


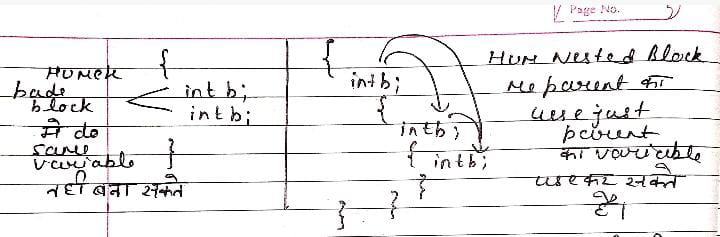
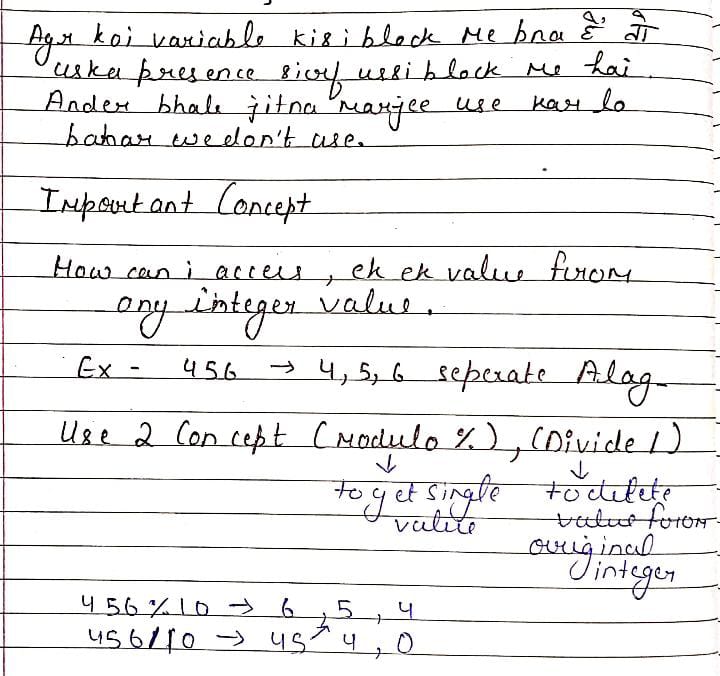
**if me koi variable nhi dia hoga to wo upr**

**wale me similar variable ko dekhega**

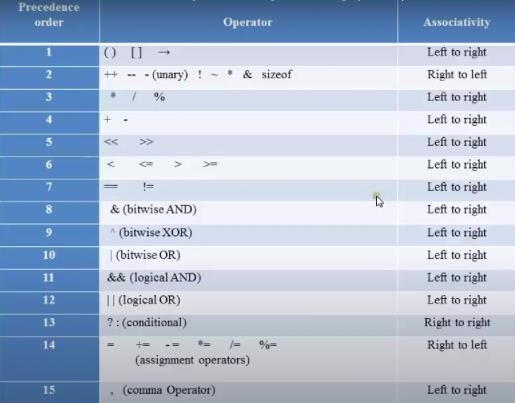
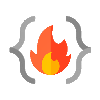
OUTPUT 3

3



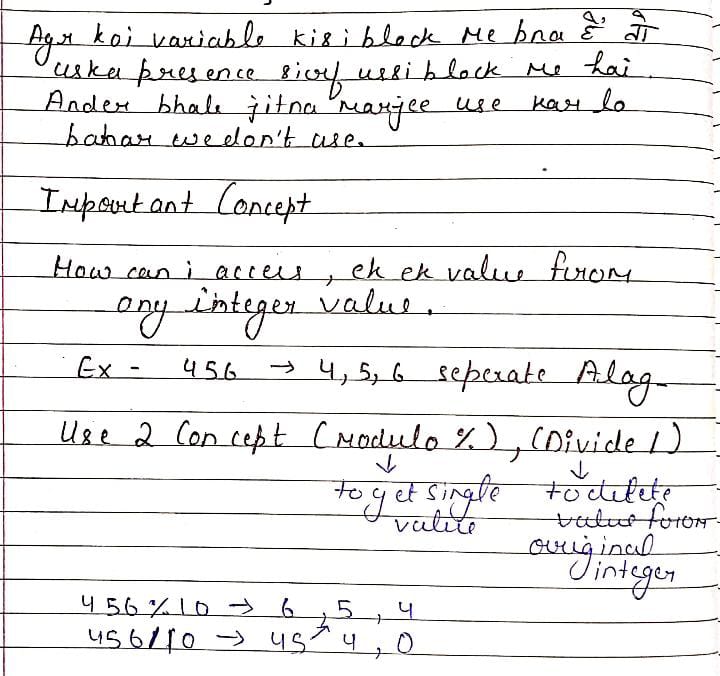
 **Note :**

Operator Precedence



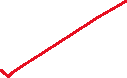
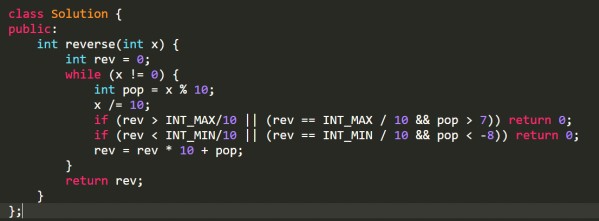
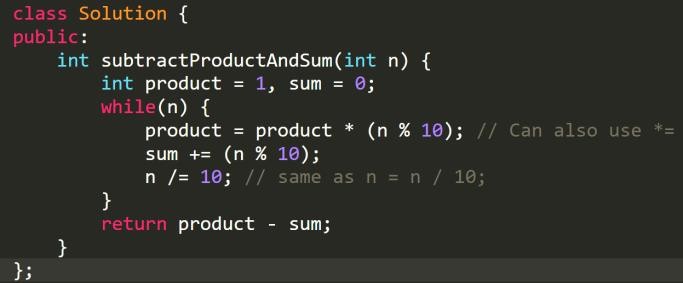
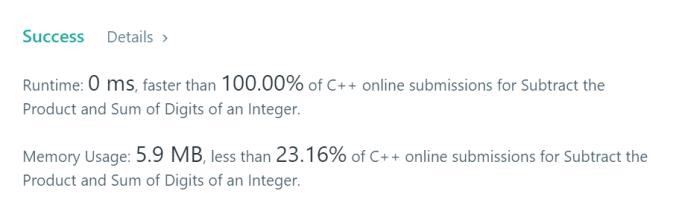
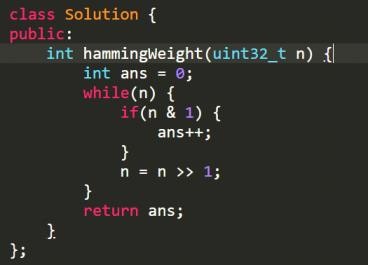
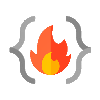
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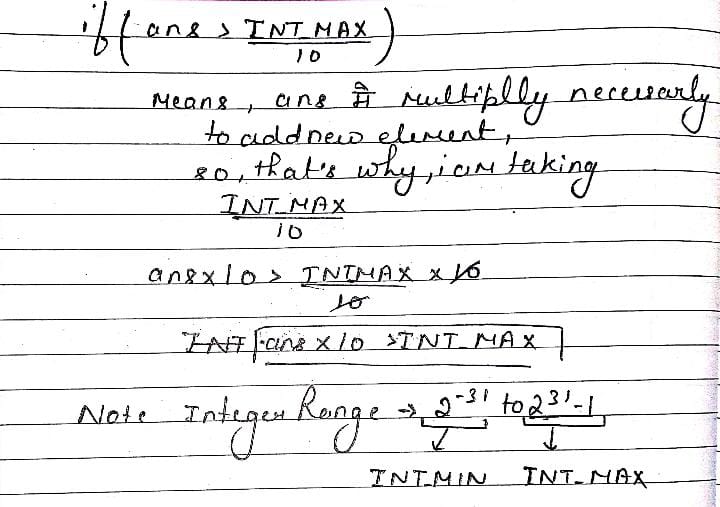


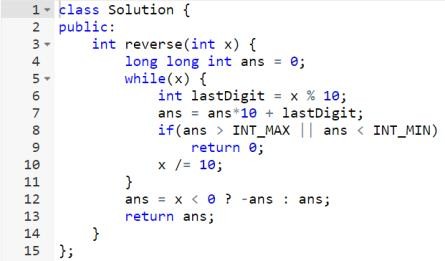
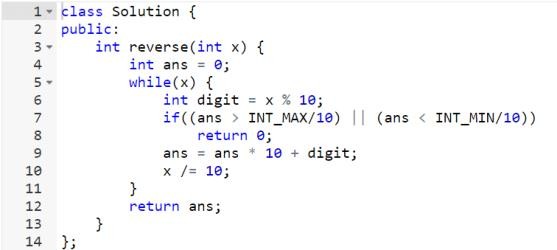
 #### Important For Accessing single Elements from a digit

LeetCode Questions

11 January 2022 20:23



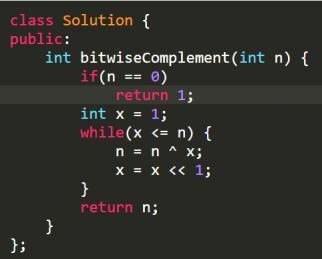




LeetCode Problem Solving Session

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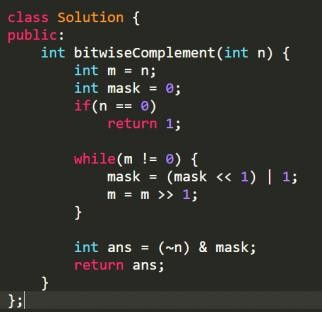
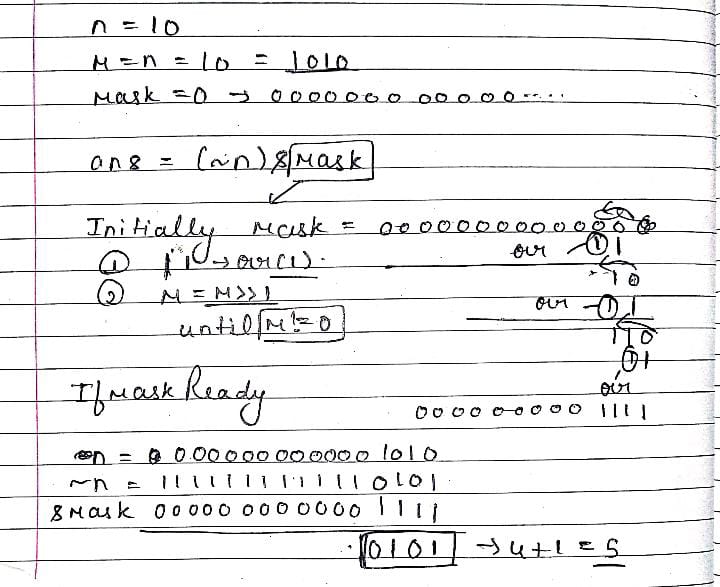






Jb tk x jo ki XOR krne ke kaam aata hai wo last value bit tk nhi pauch jata , tb tk ek brr Xor kene pr jo answer aaega , ussi me Xor ko left shift krte jaenge

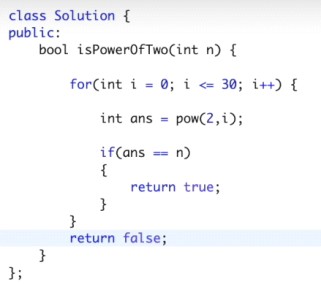




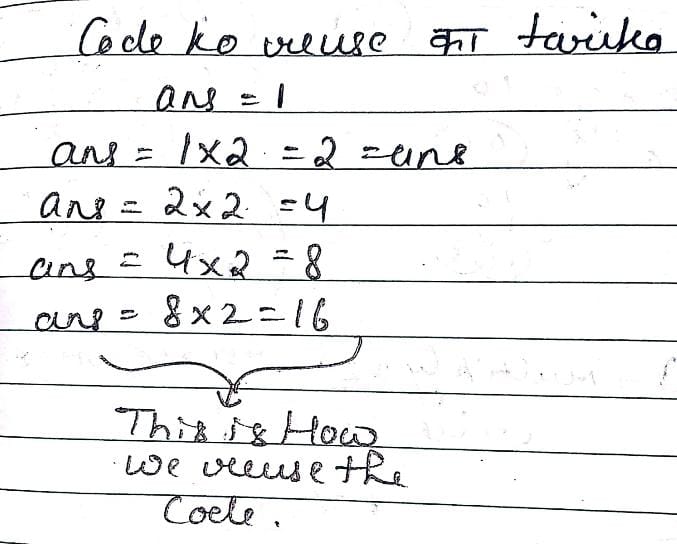


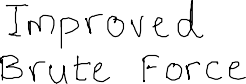
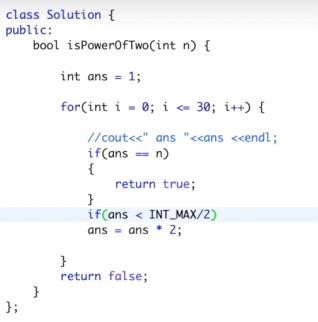




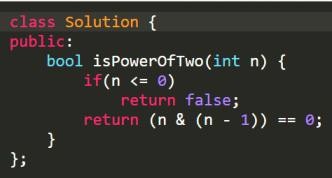






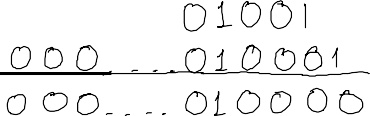












**If N(N-1) Ka AND krne pr saari bit 0 hojae** , **it means this no is Power of two**

