

of frequences

1) 
$$A \mid 0 = A$$
 $A \mid 0 \mid 0$ 
 $A \mid 0 \mid 0$ 

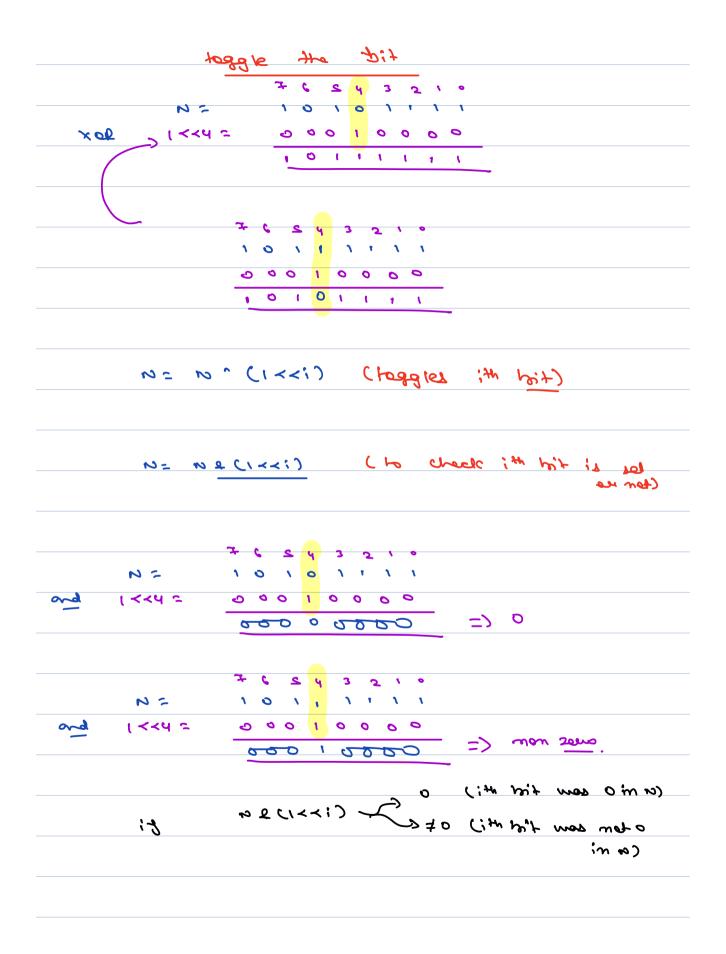
2) 
$$0 \wedge 0 = 0$$

Abaciative Propertive
(A & &) & c - A & C& C)
(A2B) 1C -/ A4 (B1C)
Evaluate the expression: a ^ b ^ a ^ d ^ b
(a ~ b ~ a ~ d ~ b)
(ananbna)

Evaluate the expression: 1 ^ 3 ^ 5 ^ 3 ^ 2 ^ 1 ^ 5	
$oldsymbol{\gamma}$	
111 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
<b>8</b> 32	
Lefs Shift operator	
Lefs shift operator	
(8 16;4)	
a = 10 00001010	
713210	
2 < < 0 = 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
a<<1 = 00010100	20
a < < 2 = 00 1 0 1 0 0 0	40
944 = 1010000	160
Clarent & S.	
Q < < 5 = 0 1 0 0 0 0 0 0	<u> </u>
a < < m = a * 2 m	1, 2320
	Sulfus
1 < < m = 3 m	
Provided , man	Cualtur
	0
<= reduced the engil	

	Q = 20 => 00010100
	a = 20 => 00010100000000000000000000000000000
10	a>>1 => 00001010
5	0 > > 2 = 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
3	a>> 3 000000 J
	a>>4 =>
•	a)/2 2)
	a>m = a
	assin 2 an
	(22 m = 1
	gn
	Ques) (<<3
	- 2º 38
	<u>157</u>
	Break 7:56Am - 8:06Am
	TO GENT 3. JOHN (1)

```
Power of Left thift develop
              13 08 (1)
       Jet a
              54321 0
                          1+4 Po,7 (18+ Po,7)
             101101
                             (1<<1)
                          10000001
                          1 < < 1 3 00 0 0 0 1 0
N= N / (1<<1)
                   54321 0
             10 =
                   101101
                   0 0 0 0 0 0
           1 << 2 3
                   101111
              76 64 3210
              101011
20
                                 7 6 5 4 3 2 1 0
     1-> 0000001
                           2 =
                           ( << 4 %
    1 < < 4 -> 00010000
        (a mi tid whi pm 194) 101 = 01
```



4.0 ~	×
№ →	
144	000000 1 000000
	02220 00000
dues)	check ith bit is set on not
	1101
	June check (m, i) &
	13 ((n& C) << i>1) 2 = 0) 8
	Justin false',
	\ \\_3
	e1 04 8
	('aust mustare
	13
	T.C3 O(1)
	J.C-30(1)
	<u> </u>

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Quas
          cinen ro, come no of set bit in w.
                       1100) Ans 32
            N=8, 1000 Bad1
  Approach 1 !-
              int on = 0;
              for (1:0; 1 × 32; 1++) &
                    if (check (10,17) &
                                       Ticsou)
                 " com menter
  Approach 2
            N=10, 1010
                                  2 0
                                      1000001
                                 212
                                       % ceently
                                          T
                                         Checking 0 34
         7 6 243210
No
                                 0
         00001010
                      21 =>
         7 65 4 7 2 10
                      2 1 =>
          00000101
C: 1 < < M
          7 6547210
                      Z= 12
                                 0
M>>> =>
          000000010
          7 65 4 3 2 10
         1000000
                     212
~>>3 3
          7 62 4 2 5 1 0
<= YCC 6
          0000000
```

Junc Constair cos é

int on = 0;

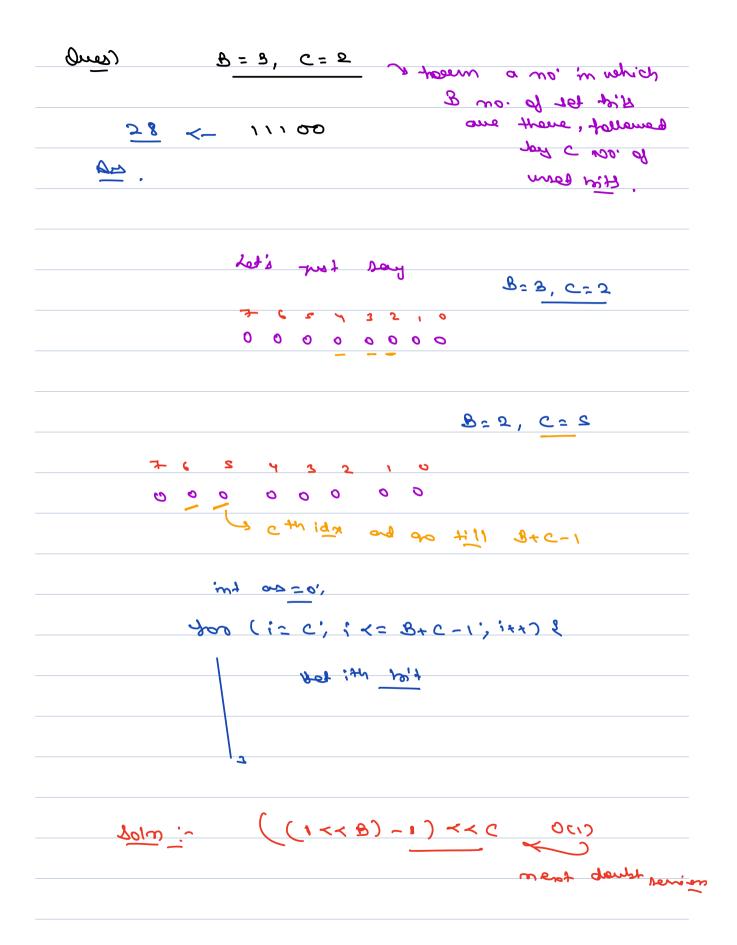
while cos so  $\xi$ if  $(color) = i \cdot i \cdot \xi$ one this,  $m = m > 2 \cdot i$ ;

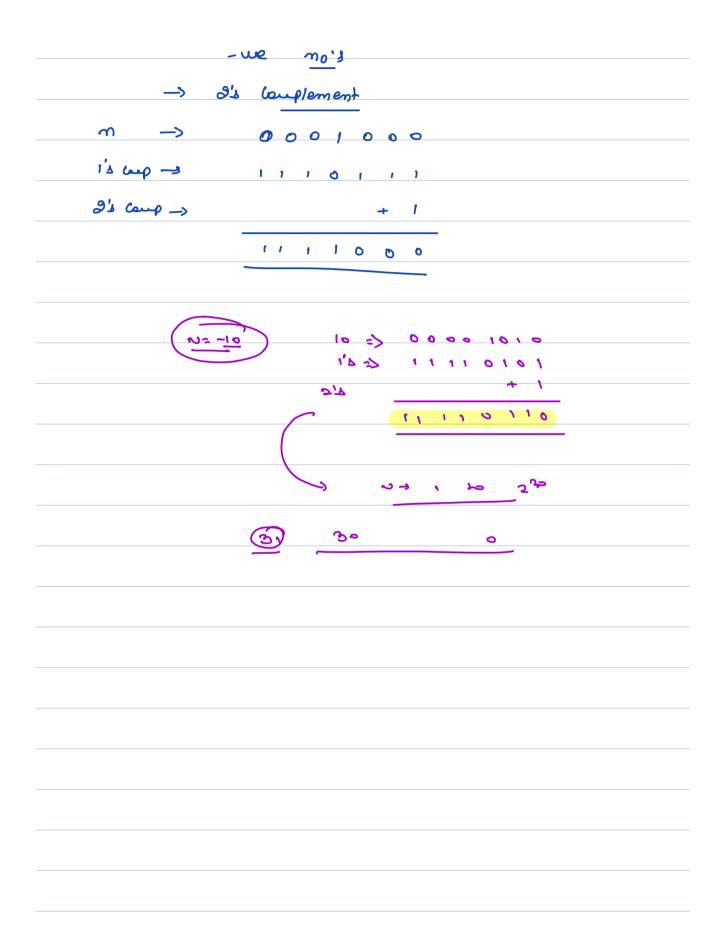
subtum one;

Junc (109 m)

1 ( 2) 1 ( 2) 2SZ

Ques usel ; th boil
N=12, =) 1100 [=2
3 2 1 0
8 <- 1000
step 1) . Check ;th hit
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be with fit
toggle hit.
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9/1
N:
v 1 =





No. of dian't One
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what pendohin
mand a sup
- The famolia
N= 11
18 appa 11-01
1 2 3 4 8 6 7 8 9 10 11
tot wire epand
bot mire epand