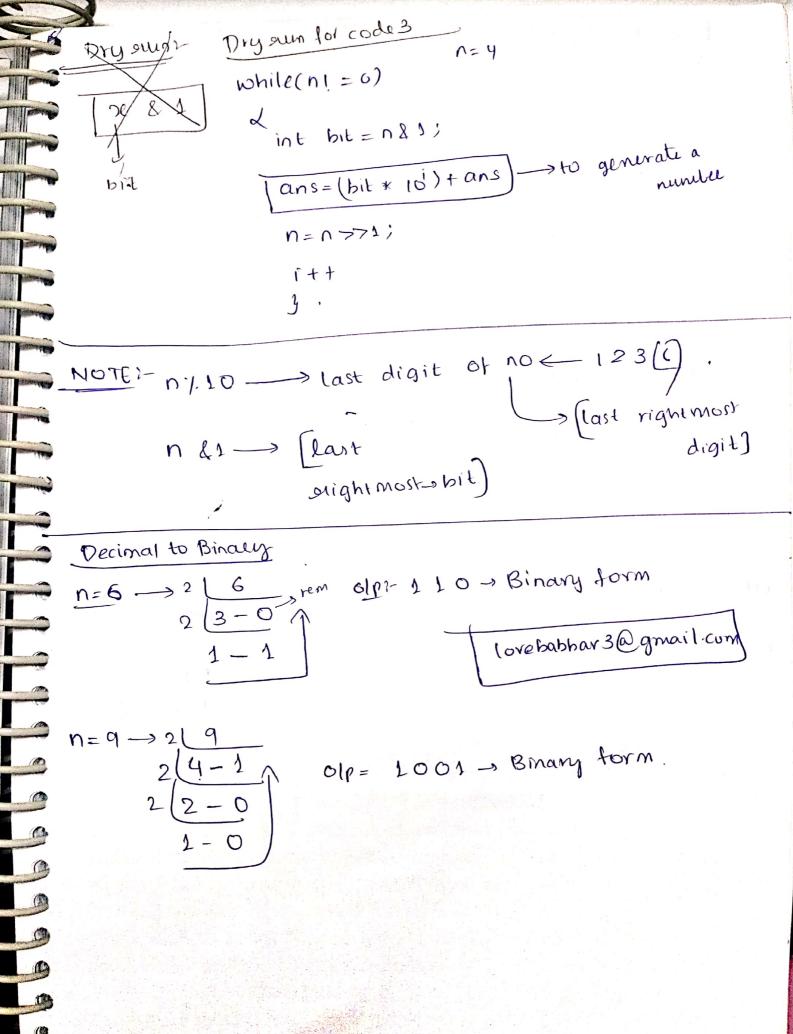


Kisibi - digit ka- 10. En)- n=137 1. - ans no-chota hojata. 1371,10-17 131,10 -> 3 until we reach 17.10 -> 1 all individual digits //code 11- to obtain, individual digits of me given number [NO -> digit obtain int main () & int n= 137) while(n) = 0) L int digit = n.1.10; cout ze "digit: "zedigit zeendij // chota kardo n ko [cast digit remove n=n/10; kama hai cout << " DOINE " < c endr; MOTEX- If we do, Dry sun: 237 1. 10 -> 7 23 / 10 -13 / lies Blu (0 to n-1)

speader - Decimal to Binary int main() L int n=0; while (n1 = 6) 2 int bit = n &); // bit nital lo cout 20" bit: " 22 bit 22 endl') // print kaulo, n=n>>1; // might shift, last bit out destroyed. olp for 61 | [ulta aaraha hai ans] 0101-Dry sun > 4 -> 200 olpr-0 ans = (bit & 10) + ans -for i=0 -> (0x10)+0=0+0=0 -> 1" bit ans=0 $i = 1 \longrightarrow (0 \times 10^{L}) + 0 = 0 \longrightarrow 2^{M} hir$ for i=2 -> (1×102) +0 =0 -1+5 100 5thit

11codos: - Decinal to Brown [ans oly me seedha aano ke liye] # Include ziostream > # include zmath. h7/ using namespace std; (use karne) int n=4; //n=7 in1 1=0% int ans=6; while(n)=0) { ____ // numb generate kar-rahe int bit = n 8); ans = (bit & power((0, i) + ans; n=n>>1; (++) cout 2=" Binary representation of nis: 22ans Leend1;



Binary to Decimal

$$|Q| = 2^2 + 2^4 + 2^6 = 4 + 6 + 6 = 4$$

Nested for:

Sor (int i=1; iz=n; i++) of

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 $|Q| = 2^4 + 2$

Prime no ka flowchart Let, n= 13; If, [2 to n-1]/, -i] = 6 -> prime num 2 to n-1] 1. == 0 -1 not a prime Let, 1=2 n= 23 - > i < n yes. Dry oun: itt ono Flowchaut for prime no start input int i = 2 Print "prime no" is izn 400 prime" not pring is ny i==0 LVS 1++ end

```
Code 4: Enter no to check prime or nor
int main () d
     int n;
    cout << "Enter number to check prime" < cendl;
     cin San;
     bool isPrime =-true; // stag
     for (int i=2; 1 < n; i++) d.
           l'adivide hogaya kisi number se, it means.
               not prime e)
            18 (N.11 = = 0) 4
                  isPrime = false;
                   breat;
      if (is Prime = = true)
            cout <= "Number is Prince" </ end1)
      else
           cout << " Number 13 not prime" < cendl;
code - without bool - check of a number is prime
Hlus
                            or not
```

bool- semove NDA doumentary L Mat Geo NOTE1-C.1.2 -10 Vishal Dahiys Bio 1. modulus operation-s heavy operation => custom library -> (Emplore) (x-> not in interviews) Hlw: - B to D] try for - ve number.