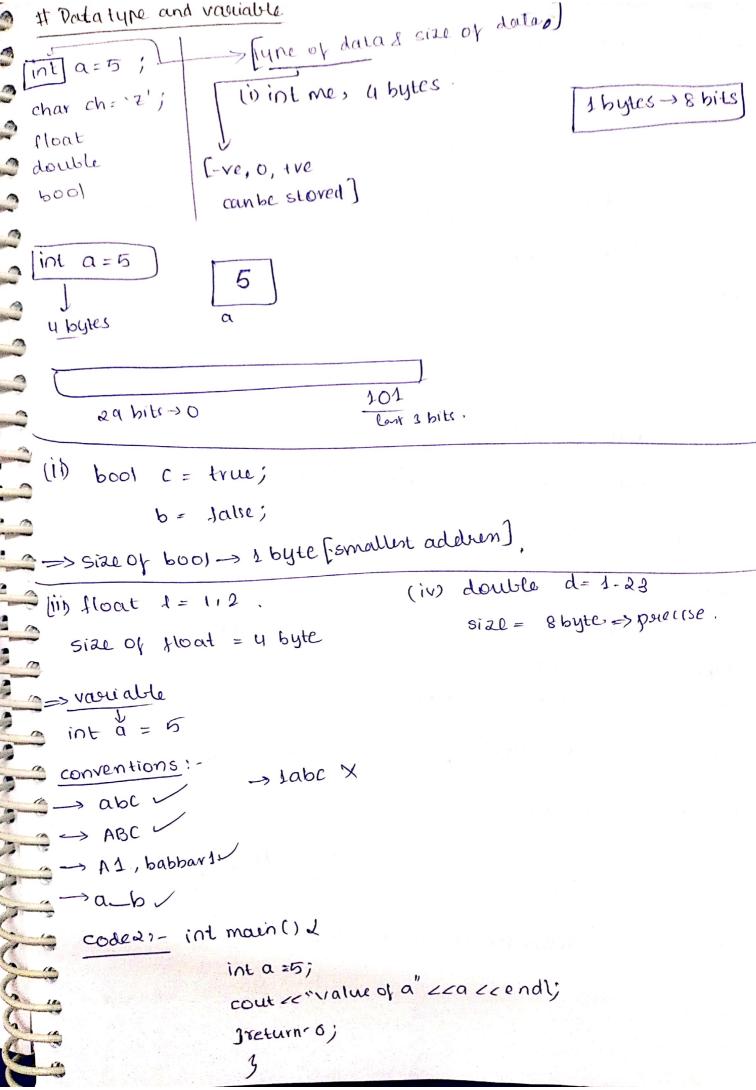
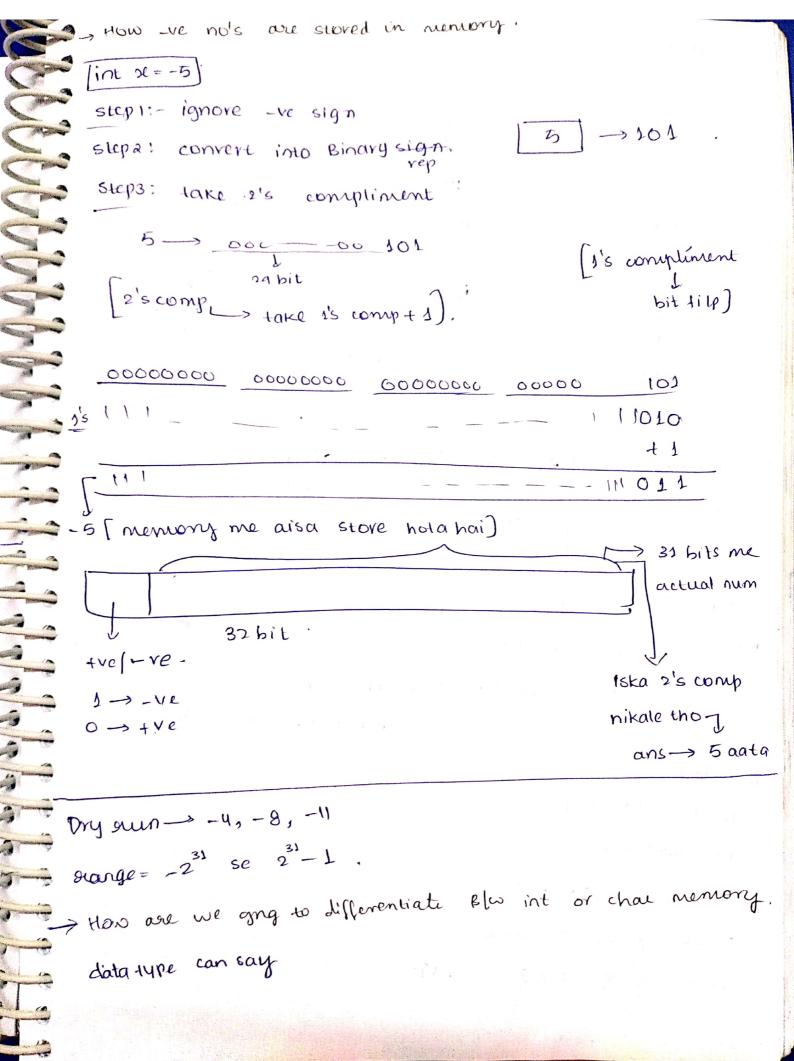
Class-2	
14/2/22 programming what is program:	
-> flowchart -> pseudowdl.	
first program [rullo punia]	
-> "Placement the lagni hi hai" code Blocks or	line
(int main () (2 int main())	e on plit
2	db.
starting pt [cout kady -> compile 100 Pata chalne	
we include iostream?	
3 #include < iostream 7	
using nancespace std;	
int nain() L cout <= "placement lagegi" <= [end] > new line	
3	
disertive	
H/w :- stackover flow.	
create curtom header the	
E can we create our own namespace ?	
(3) what all other normerpales are present?	
@ intervoid [explore kdorna kaona hai]	



```
#12:- bool b-0;
          couter" value of b is" ze b erendl;
          float 1=1.09;
          course freendl;
          coul ec" the size of float is' ec size of (f) ecendly
          coute size of (b) exend);
  Hlw - short
        long
         longlong.
         char ch='d';
         cout <= ch </ size of(ch) </end2)
  => char ch='da'; -> // Not possible.
=> int a=5)
                                                 1 byte = Bbit
  vaoriable nouvre = 9
                = int
  type
                = 4 byte = 32 bits
  size
 a=5-3 in numbery is stored as raccoccoo aconocco
                                                         10100000
                                               00000000
 a=4-> in Binary = 100.
                                              100
               29 bit
=> the above, we follow for only the numbers.
```

Scanned with CamScanner



-> sionge of Hoat, double, long, short Operators. (Arithmetii [+, -, *, /, 1/.) Hwdo 4:-# code3:-We know, $\frac{5}{3} = \frac{9}{6} = 0.666$ int mainu int a=5% ans - 1 int = int int b= 3) in memory int ans = atb; coz, it's stored float = float return 0% int in int double - double. ex: cout < (5-0); ex:- for code u:int ans = $\frac{6.0}{3}$ Olp: 1.6. cout ZZ ans; Olp: 1 .. Type casting -> implicit -> empliciti-> enti- char chi= a' int num = (int) ch; # codeu: 110at vall = 5.0; int val2 = 3; ine ans = vals / vals; coul ZZ ans ZZ endlj cout 22 (5.0/3) 22 end 1;

C

0

C

C

deddddda

```
出code 5:
   char cho = 'a';
                              OIP: 97 = 9
   int num = Line)ch;
   cout < < num < < end?;
 Modulo operator: - (9.)
 5%3 = sumainder = 2.
 Relational operators: =, >, <, >=, <=, !=
 assignment operator: 6 =
 confamision; = = [a==b]
ext int x=5;
     int y=5;

bool b = (x==y);

bool a = (x>y);
    010:-1
 logical operators 28, 11, 1
                along with cond's .
               \Rightarrow bool ans=( ) & & ( ) = T

\Rightarrow bool ans=( ) | ( ) = T
  NOt operator? (!)
a=5; a=0 a=1
```

Bitwise Operator !-Bit level int a=5; 11 101 100 = 4 / use of bitwise? int b=6; 11 110 int ans=a 8b; Olp: - 4 (01) $a|b \rightarrow a=5 - 101$ b=6 = 110ans=7 YOR -> Exclusive OR (^) $\sim (NOI): 0 \longrightarrow 1$ $1 \longrightarrow 0$ Hor Arithmetic, logical, Relation, Bitwise code, Exp, play, experiment. -> code on extitor. Left shift operator: (num +2) 5 221 -> shift 5, by 1 bit 15 222) shill 5 by 2 bits. 00 --- 00 10 1 00-1010

