```
A. Harsha Vandhan CSAO 8985 JAVA. 192365011
   Sum of no upto h:
  import Java until +;
  class sum &
  Public Static void main (string org()){
  scamer sc= newscame (system.in);
  int n = Sc . next Int ();
  int sum = 0:
                               Input :- n = 10
 for (int i=1; ik= h; i++){
                               Output: sum is 55
     sum=sum+i
   System. Out. println ("Sum: "+sum);
 prime number:
   m/m/m
 import Java util . *;
 class prime & 100 amin
  Publicstatic void main (string anc()) {
 scanner sc = newscanner (system.in):
  int n = SC. next Int();
  int count = 0;
for (int i= 1; icn; i++) {
    if (n'/1==0)}
    count + +;
if (count = = 2) {
   System Out Println ("Prime"); 4
  systemout print in ("non"); ?
else
```

Input:n=3 Output: prime. O factorial of number + class factorial & public static void main (string args(]) { int n=6; ... int tact = I; for (int i= 1; ican; i++) & Output: 720 fact = fact * i; system out printen (fact); @ Reverce of a number: class Reverse-of-numberé public static roid main (string args (1)) Int n= 341; int rev =0; while (n>0) of 1=10%10 rema rev+10+ is n=n/10 1 System. Out. print In ("Reversed no:"+rev); Output: 143.

matery tumber class amorning ; public static word main (staticsting args ()) } Ford \$15 153; and tempen; while (n >0) \$ 1=117,10; n=n/n; if (sum temp); System Out println ("Aimstrong"); Clar system out . print In (" Nope"); palindrome? Clair palindrome & public static void main (string angs (1) 2 intn= 12321; intreveo; while (nro) & i=n% 10; rev= rev+10+1; n=n/10;

3 Surn of digits: class sum of - digits { public static void main (string args []) { int n=123; inf sum =0; while (nro) \$ 1=01/10; Sum+= is n= n/10; system out print in ("The sum is" + Sum); 0) Bivisble by 5 & + upton: class Divisibility & public static void main (String args[]) ¿ in+ n=100; for (intie) jicen; i++) { if (i'l. 5 = 08 \$ i'/. 7==0) \$ system. out . println (1); Output ! 35 · OF

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Perfect pumbers
 class perfect of
 Public static void main (string angs (3)) {
  int sum o;
  int n = 28;
  int orn;
 for (int i= 1; ien; i++)& output:

if (cn:/.i)==0)& perfect
     sum = sum+i;
  if (sum==0) }
 system out print ("perfect");
 else & system out . print (n ("nope"); 3
Sum of even-odd :
class sum-ob-even-odd &
public static void main (Stringsangs (1) {
   int n= 0; e sum= 0, osum =0;
                                     output:
   if (inti=1; ik=n; i++) {
                                     esum = 30
         if (i1/.2 == 0)
                                     05um = 25
        Lesum+=ij
   systemout. print In ('esum' + esum);
   system.out.print(n("osum"+osum); 33
```

III Leap Year > I have dray wound truble - state void main (string ange (1) & 404 Years 2 2024 of (year / 4 = = 0 11 years 1/, 400 = =0 && year 1/, 100 ! =0) & system out print . In (" (cap year :"); system out print in (" Not leap year"); output: (eap year) Even or odd Clay even-odd \$ public static void main (string angs []) ? int no woo; 18 (n%2 == 0) £ system.out.print (n ("Even"); system out print in ('odd '); 3 13) GCD and LCM public static void main (string margs[]) & Class aco_ LCM & int a=2/b=4, tempi while (bro) b= a 1. b;

```
a=temp;
             Ben constructor ster - man
    int gcd = a;
    int (cm = (a + b)/gcd;
   System Cout print (n ("GCD"+gcd); output-
                                  G1 CD 2- 2
   System out print (m ("LCM"+ LCM);
                                  LCM: 4
14)
   Strong number
   class strong number &
     public Static void main (String angs []) {
    int no lus, sum= o, rem, fact, temp= n;
    rem= n/. 10;
      for (is 1 ; i = n; i++) {
        fact = factoi:
                             output:
                                Strong
      sum=sum+fact;
        n=n//10;
    if tourn= = temp) &
    System.out.println("strong");
     system. out println ("Nope");
```

Celsius to farienheat; class Temporature [public static void main (String orgs[]) & double ecelsius= 39.00 double forenheibs (cersius/, 9/5)+351 output system out print (n (fahrenheit); 102.2 16) favienheit to celsius: Public Static void main Cetting asgs [] } class Temperature & double fahrenheit = 102.2; double celsius= (fahrenheit-32)*5/9; systempprint. Out in (celsius); 39.0 of small White someth

many to Decimal: THE PERSON OF THE PARTY OF class smary Decimals public static void main (string angs []) & string binary string = "lovo" Int derimal = Integer, parse Int (binary string, 2); System out print (decimal); Datput :-10 Decimal to Binary class Decimal - Binary & public static void main (string angs []) { Int decimal = 10; string binary = Integer to Binary string (decimal); system. Out. println (binary); Output : 1010-

addition of opumbers: class Addition- of- 2 numbers? public static (void main (String args [])2 Int a = 2, b = 3, C = a 4 b; (1) system.out.println ("sumis: "+c); ((Krystop) - v) trier - trib - are true Output: cumis 15. loss December Corony of well the forth I grist a ground of anythin a promise and (prod in 8) a live on other was you