29/07/2024, Augnorent -3. (92371002 21. with a program to found the following Pattern. 8 connot ; parti mie i im sweet mari simport Janquitalincoloner; me in singer method (); I also seals hubble water void main (string to arg) ? Veanner Proper = new Scanner (system in); charc = Propil, never () charatco); int n = input. nextInt(); For (int i=1; iz=n; i++) 5 for (int J = i; J < = i; J++) { Mystem , out. Println(e); Mystem , out . pr?n+In 1);

(3) find the given year its leap year as not. Emport Java. util. & canner; quelle class main ? public stolic uaid main (Hring orgs[]) ? scanner input = new scanner (system in); mystem. out. printin (x Enter the years: "); Int in = Popul, next Into; β [n/4==0 48 n/100! 1-011 nv. 400==0) system. out. printin (" It is leap year); N else { system. out. printin (" It's 10t a leap year"); Z 11 11 10 10 1

find the number of factors for given number, Proport sava. util. scannes; Public class mains Public Mohie void main (String args CJ)? Scanner Input = new scanner (system . In); Int n = input. next Int(); Ant pactors = 0; for Cant 12= 11, 192= 11 (1+4) R (ny, 9==0) factors = factors + 1; System. out. printly (factors);

(a) wate a program to perfect number or not import Java, util. Scarner; public doss main ? public static vord main (string args (7)/ sconnes lipit = new Scanner (tystem. m); Put n = input. next Int (2) Pht factors = 0; for line 1=1; 1< n; 1+U? 16 (n-1,9==0) factors = factors + 1; if (n == factors) system. Out. Printly (31 B a perfect num);

25) civile a program to humber of voilels on = import Java. util. Scanner; Public class main & fulslie Hatie vold main (string args c) Manner Input = new scanner (system. In); String name= Input. hexture (); int len = name. length (); Ohar acj = new char clenj; inf you =0; for (int i= 0; 9/m; 1++) { acij = name. charAtlij; of Calid== a 11 alid==e'llalid==i'llalid 1 acij=='u' | | acij=='l' acij=='] arij== '0' || arij=='0') 1000 = 1000 + 1; system. out. prantin (vow); 3

Il would a program to print todow square pollen Import Java. Will scannes; pible class main & Public static Vold main (String orgs []) ; Scannes Engul = new Scannes (System. In); int n= infact · nexcIne (); Max c = input. next (). charAt (0); for (Pat P=1; ic=n; i++) { FOX (Paf J = 1 ; J < = n; J+4) { 1/ Ci==1// J==1 || i==n// J==n) Mystem, out. printly (c+" "); lle System. out. printin ("), system, out printly 1);

write frogram to pront consonands and vous seperately? import Java. WIL. Scanner; Public chass main & Jublie Hatie vosd main (string args.[7] { Scanner Enflat = new scanner (system. in); It ming name = input nextline (); Int Len = name length (); char at = new chartlent; char vowey = new that cleny, that consty = new char [len]; Int v=0, c=0; for (Pnt P=0, iclen ; 19+4) { a fij = name . charAt (); is latife= 'A' | atife= | E' | atifet 1/ acij== '0'11 arij= 'U') VOV+1; else ¿ consteJ = atij, C-C+1

system out . print in (" vouels:"); for (int i=0., PLV; i++) hystem. out. printin (vowcis); Mystem . rut . printle ('Consonants: "); for Lint 8=0; JIE; Mysem. out. Printin (cone [19]);

Write a program to pront fibonació veries ? import Java. util. scannes; Publit class, main & Public Matic vold main (String args (7) { Scanner Priput = new ocanner (system an); Port n= Popul. next Int (); Int a1=0, a2=1; for (Part P=0; 1ch; P+7) [system. out. proheln (a14"); Int as = altaz; at = az; az = a 3; System. out. Printly ();

30) with a program to find the square, cube of given decimal number? = Propose Java, util Scanner; fublic class main? Public Hatie void main (Hring args 17) tranner Input = new scanner (system in); float n = input. next float 12; Mystem. out. printly ("square: "+ (n*h)), hystem.out. prantln ("cake: "+ (n*h*n));

(30) curile a programi to find the square, cube of given decimal number? = Propose Java. util Scanner; fublic class main? Public Hatie void main (Hring args 17) kanner anjut = new scanner (system . In); float n = input. next float 10; Mystem. out. prently ("square: "+ (n * h)), hystem.out. grantln ("cake: "+ (n*h*n));