S. Sudhersan Assignment -3 29/7/24 192321077 CSA0993 TAVA PROGRAM 21) Point the Pattorin: import jare util seens, public class patter publi status void vain (string (3 args) ? kanner upitt = new danner (myler in); char c-input neut Int (); In Cindi=1; Ex=N j Edd) jor (int j=ij=ij) system out point (C): søjster ord pietle (); 22) leap year or Not. import jars til staner; publi class jare? publi slatic voir non (skriptson) Monner upit = now Sanner (syster à system soil print (" tate you"))

Thing year = uput rent(");

thing ae, = in split("/");

Sudharsan thing d=a(2):

int hun = Integer para (nt (d)

(nu 7-4 -0 & 2 nun 7-100! 6) nun 7.

400.-0 92321077 eysler ord print le ("Il is a rop yea")? typer out prutter ("It is not a leap you) (jays) } (myster in)s 23) Fied the number of father? publically jair ? publi thati voil Main (ettring crogs) ? stemmer uput new stemmer (system in) int n input nout Int() for (int i = 1; ix=n, it+) faitors = factors +1 Systen seit fruit ("Wrupe of Jactors) 211) Perfect rumber or not:import pair - util skanner. rip Dough Cryston-a public class perfect & voil vain

(strip (2019) &

Menna input slab void sum (egsler -in):

int n = arpert nent Int (),

int partors = 0;

for (int i=1; i < n; i+1) factore = factors +1; d (n = -factors)

system -out-print ("It is a perfect numbers);

olse. system out plint ("It is not a parket nucleis De Print The number of rowels.

import jave util Mannon;

publi clas rowels;

publi clas rowels; publi hali voil her (Sup (7 args) & . scannor inget = mer Manner (egyptin in) they name = name leight (15 char as iner char Condi pulut Eto: Ex last # als = ren de Al (i) · d (ald == a" / ald == e' | apr) == i'| | Tips | 10 == [[] a

26

(a)

[i

29. find square, Cuke of the Cine Durinal number. jare util namer:
public class squar lube ? public statut voil Main (istring margs) ? Seenna ment - now Slavner (system in); float n = uput (" squar " + (n n)) system out print (" cube: " + (n=n=n)) (+(1)!=vented; +(c) = conti 30) And the pregnancy of each element in import jara will seaver; inpol jara will arrays; public cless ab s public thatie voil Mais (string trongs) {

seamer input = new seamer (isystem in); int [a] = new int () {1.2,3,2,2,2,8,1} int (1) = new int (a length); int visited = -1: for Cut i =0; ica; length; itt)

27) fibonacii series: import jane will name : public class fibonació (Abrig (7 args) & public talair voca main (Abrig (7 args) & haver inget - ner slanner (system in); int n = input . next Int (): ja (int i=0; ien; i++) system out print (a1+" "); al = a2; 22) Pain The pattern, jare und stanner;
justic class um pattern? publi statie void moin (ishing cracy) (Monner inquit = new Monner (system de): int n = input . next Int (); for (intic); ic=n ; it+) 10 (int) = 1 ; j x = i ; 5 ++) syller oud print(1)

29 find sque import

30) fin

+ teal;

Now = now + 1; system-out-print (com); 33 26) Print hollow squar synch pattern:

umpert Jan will rance:

public class squars and voir (stug (rangs)?

public static void voir (stug (rangs)? stanner enjut = new stanner (lyther in) in n=5 il salm cla c= upit next. (1. charAt p (it is in initial) nules); for (ix J=13) x = r3) ++) 1/ (i== ||| j== ||| i== n || j== n) sujelen out print (c+" "); selection but sint Contrains (25) (2) A Main of the register (deple in): (1) kilg kner. knows: 1 ti (wik):1:11/2 dist) Agla . End printer)

for (it juit) je a length : j++) int count =1; public class charactures (a company company) & ((1 m) + Count tot is know = 1 dool. if (+ si)!= inted; t(i) = count; for (int t=0; (xa length; i++) a (ter) != risted) systement phylla [ari) + (ani"+ + ten); John state vil riger (struig Many) ? Homes super craw spare (expele in). wh [0] = ven int () (1,2,3,2,2,8,1); int to grew int to length):