(8) with a program to find the number of supposite numbers & an array of elements. Import Java. uffl. Array; Proport Jova, utal. Scanner; Public class composité ? public statid vord main Estring [3 args) [Potet ar = {16,18,27,16,28,21,193; int count = 01 for (Int num: arr) & of (P8 composite(num)) { count++; 3 Mystem out printly (count); Public statie boolean & composite (Pnt num) { if (num <=1) return false; for (Put 1=2; "== morth, 89xt (num); 8+4) }

if (num./. == 0) [return true,

The Park Defind the nth odd num offer n odd number Propost Java. util scanner; Public Class FAnd n th & Public Water vord main (string args []) { deanner Input = new deanner (system, In); Put n = Proput next Int (2); int result = n + 4-1; system. out . prontin (" nth odd!" + result); 3 with a program to pland whether given oher In string or not. Propose Java. util. scanner, Public ffronchas & Public state void main (Itimy angres){ scannes Input = new Scannes (tystem in); Strong sto = input. next line(); chan c = impul. head . charAtlo); Int Index = -1;

For (Prot 9=0 1, 92 SET. Length; 1+1) {

inder = 1; To gra will stam biry of the stary if (index > = 0) { (a) hystem. out. Println (c4 "found indez: "+ Indez); use & many company of the same had System. out. Print In (" not found");

Pb (str. choratci) = = c) {

6 muite a grogram to possit the below patton impose Java. util. Acannus; Public class number pottern & Public statie void main (string args (7)} Scannes Propot = new Scannes (hystern in); Int n = Input heact Int Vi for (int 1 =1; PC=2 * N-1; P++) { Prot num = 9<= n? i: 2* n-1; too (but]=1; 15 = nam , 2 4+) { Mystem , out . Printly (Num + " "); hystem . oat · Println co;

A THE THE PARTY OF THE PARTY OF

(85) program to find given num (8 Armstrong or not. Impost Java. WHIL. Scannes; Public class Armstrongs public states vold main (string orgscJ), Seannes Propul = new Scannes (system in); Int n = input nextinto; Int arm = 0, num = n; while (num > 0) { int digit = num / 10; arm + = digit * digit * digit , num /= 10; 14 (n== arm) { System. out. printly (" armstrong number "); else { Mystem, out. printin (" not armstrong number). 3

38) write a program to arrange the lefters of words alphabetically in reverse order. = Impost Java. utsl. I cannes; Proposet Java. Util- Array; Public class main ? Public states vold main (string args cJ); I cannos Poput anew scannes (system. In); charts arr = input. next. to charArray(); Array, sort (arr); for L9nd 1° = arr. length -1) i>=0; i--) { system. out printly (arrest 7 "");

monte a program to remove the vocals? Proport Jova, utel. Sconnes; Public closs Remove vocals ? Public Bootie vold main (String args (T)) scanner Enput = new scanner (system. Pn); String result = Input. next (). replace All ["[aciouAEJOV], Mystem. out - printly (result); write a program to print hollow square pattern? Propost Java, utll- scannes; Jublic class Horland Public static vold main (String[3 args) { Sconner Popul anew Scanner (system. In); chas c = imput. nexe (). charat (0); for (But 1°=1 , 92=5 ; 9++) { for ("int J=1", J < 25", J++) { Vrystem, out. Println ((1==1)]==1 | 1==5 | J==5? C:")

2

moite a program to remove the vocal!? = Proport Jova, uttl. Scorner; Public class Remove vocads { Public Blooks vord main (string aggs (I)} scanner Input = new scanner (rystem, In); String result = Paper. next (). replace All ["[a eiou A EION], Mystem. out - printly (result); wite a program to grint hollow square pattern? Propost Java, uffl. & cannes; gublic class Horlow & c) ports states vold man (String [3 Sconner Popul = new Scanner (system, in); chas c= mput. nexe (). charat (0); for (Pht P=1 , 92=5; P++) { for (int 1=1; 12 = 5; 1++){ Vrystem. out. Println ((1==1)]==1 | 1==5 | J==5? C:")