Aim: To write Java program for seversing a number Pseudo code: step 1:- initialize the variables and get the number from the user Step 2: - using the while loop pendorm: - get the last digit from the number - add it with sum and multiply withlo - semove the last digit from the number step 3: - display the result Programi. import java-util-scanners public class reverse-number & public static void main (string[] args) ¿ scanner input = new scanner (system-in) sastem.outobriuf (,, Euter the unamper;,). int nam = Scanner · nextINF(); int rev=0, temps mhile (num >0) & femb = wnw 00100 161=161×10+Femb3 nam= nam(10;

system.out.bisutin ("renersed number: + LEAD" Sample output: enter the number: 2435 reversed number: 5342 Aim: - To write java program for checking weather a number is Armstrong or not Pseudo code:step 1: initialize the variales and get the input number soom the user steps:- using while loop get the last digit from the number. Steps: - time the cuber and odd it with Sum variable than remove the last digit. Continue until the number is greater than 2010 step4 = - 45 sum is equal to the actual number then it is amstrong number else it is not a Amstrong number eg: 153-13+53+33

6,808 80 m3 imbort jangodfilo scannors Public class amstrong & Public static void main (string[]args){ sastem. Onto brint ("Enter the unupor: "). int w = inbatowestilt (). ED = wos'q'w= dwat. twi mp;16 (w 20) { p= 20% 100 8000 + = PxPxP3 n= 1103 3 17 (80m = = temb) E. systems out . Print ("Amstrong" 3 9819 system. Outoprint ("Not Amstrong"). Sample output:enter the number: 153 Amstrong.

Milliant file militainmens Filliple Flat in mande & fillplie plulle noil main (étring Baris) 111/11/1 1 1 = 8 1, 4, 7,93. IN1(7) b= {3,6,1139 int [] c = new int [a-(628 + 1)+ p-1628 for Jor (inti=03 ica: length: 1+1) (Cij =a [i]) Sor(1=03 icb-(engthe 3++) C[i]d=[h)pro).pti] Arrays. sort (c); Sy Stem. Outoprint (Arrays, to strips (())Sample outputs.

Sorted orray: [134,6,7911]

gcd =io, saztewoortobeint ("Bcq = ,+ Bcg). 200 mble ontbat: Euter two unupers: e do 3cd=6 Aim: To write Java program for merg ins two sorted arrays into a surgle Pseudo code: step 1 :- initialize the variables and get the imput string from the users. step 2:- merge the both strings and then 801 F the aread and 8 to 16 it in when and Step 3: .. Convert the array into string and display the single merget Marca

program:import java ou tiloscammen; public class merge { Public static void main (string [Jargs) intE] a= {1,4,7,9}; int () b= {3,6,113? int [] c = new int (a. (ength+6.18 mgth) for (inti=03 icas length; i+t) (Ei] =a[i]; for (i=03 icb (engths i++) C[ita-length]=b[i] Arrays. sort (c); sy stem. Outoprint (Arrays, to strips <(()); sample outputs Sorted array ? [134,6,79,11]

im: - to maile sand brotrom for sing the stephency of each chan in a string seudo code:etept: instialize the variables and get the input string foomtwallow tepz:- An array of size 2's6 is used to store the frequency of each A SSCIT Character. , tep3: - Oferate the loop over each chan of the string and update the 7 retrouch connt brogrami. public class trequency { public static.void main(string[]args)} string imput = "hello"; : uf[] tredacca = nem. inf[522]. Sos(intientenditionisisco=introleuditioni)205 char ch = imput: char : At (i): 5 10 quency [ch] ++3 301 (1=0; 1< +10 que ncy (engths 1+1){ 17 (2 x 6 dra duca C1) > 0) 5

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system-out-printin ((chan):+1:"+5401.4
sample output 1-
e:1
h: 1
 1:2.
 0:1
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