Week-3 00J Lab Escreise 1 (Entra frograms)

Description array of size in from the user. Find the sum of which indices (ie, 0, 2, 4...) and sum of odd indices (1,3,5, -) and print the same.

import java. util. ;

class Extraprogram ! (

public state void main (trung args[])

{

Scanner SS=New Scanner (leptem.in);

int a[], n, even=0, odd=0;

Seyetem.out, frintln ("Enter the number of elements");

n=48. nestInt();

a=newint[n];

System.out.println ("ante the elemente:");
for (int i=0; in; i++)

System. out. println (" anter a ["+i+"]"); a [i] = SS. nesct Int ();

plement pirter (certe the number of

for (int i=o; ien; i++) { 4 (i% 2==0) else

odd t=a[i];

odd t=a[i]; System.out. println ("Sum of even indices of the areay: "+ wend; " the suspense System. out. println ("Sum of odd indices of the array: " + odd); um bien bien blor Eranner 35- news Scarner (Suplemin): 5 Decept an array of n integers. Find the number of positive numbers, regative numbers and zhoes. import java. util , to ; to see so class Extraprogram 2 2 public static void main (String SS[]) ? int izo, p=0, z=0; ["["tit] intary out and with Scarner &= rew Scanner (System. in); System. out. printle ("Enter the number of elements (n);");

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int n = s. nextInt();
         System. out, println ("Enter the elements:").
          a= nevo int [n];
         for (int i=o; ixn', i+d)
            lystem. out. println ("Enter a ["+i+"]");
                  a [i] = s. rectInt();
         for cint i=0; ixn; i+4
                                        I'm total with gl
                if (ali]20) to evoy. Longon.
              public state nord main (string [] angs Hof
          Meif (ali) >0) journal men = 22 mensor
       lepten soit paintle (" Enter the numberty items
                          int me sc. react dates;
        else

t

z++;
                         double [] Apr- sons double
System, out, println ("Number of positive clements: "+P);
Septem, out, println ("Number of regative elements: "+.); system, out, println ("Number of zero: "+z);
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3) Consider a siper market bill. Acapt a double array holding rate per item of day it items and an int array showing the quantity purchased by a austomer. Calculate the total lill amount and the final till amount after giving discounts as per the following slabs. If the total bill amount >= 10000, discount = 5 % If the total bill amount >= 7500 and 210000, discoun If the total bill amount >= 5000, discount=2% import java, util ,*; public class Extraprogram 3? public static void main (string [] args) of Scanner Sc = new Scanner (System, in); Septem soit, println (" Enter the number of items:"); int n= sc. neset Int (); double ind Tot, tot=0; double [] rpi= new double [n]; int[] quant = new int[n]; for (int l=0) izn; i++) t Septem, out, println ("Enter quantity of purchase and rate per item for item"+(i+1));

int q = sc. reset Int () double r = sc. reset Double (); quant [i]=q; spi[i]=si facint i=o; izn; i++) C ind Jot = quant[i] rpi[i]; tot + = ind Jot; when the first on say 8 that holds all the if (1000) = 5 tot) is System. out. println ("Discount = 5°/. Jotal lill = "+ tot+" Discounted lill = "+ (tot - tot + 0.05)); import java, util , * ; else if (tot >= 7500) { System out, println ("Discount = 3/". Total bill = "+ tot +" Discounted bill = "+(tot-tot *0.03)); int all, bll, cll, n=0, n2=0, sum=0, nun, avoil else if (tot >= 5000) { System. out, peintln ("Discount = 2%. Total bill = "+ tot+" Discounted lill = "+ (tot-lot+0.02));

else l indust = quant [i] " spe [i] 4) Accept an array A of n elements. Evente two new arrays when the first one say 8 that holds all the holds the even numbers from array A. Display the sum, arriage, mase and min of array c. import java.util.+; (bet >= 7500) class Extraprogram 4 & public static void main (string SS[]) int a[], b[], c[], n1=0, n2=0, sum=0, nuin, mose; double avg; Scanner Sz new Scanner (System. in) System, out, println ("Early the number of elements(n) int n = s. neset (nt (); Bystem, out println ("Ente the elements:");

a= new int[N]; b= new int [n]s Come (17) c= new int [N]; for (int i = 0; ien; i+4) System. out. printer ("Enter a ["+i+")"): a [i] = s. reset Int(); (sh) man (sh) for (int i=0; izn; i+1) if a [i] % 2 !=0) b[N]=a[i]; else if (ati] 1/2==0) c[ne]=a[i]; N2++' max = clo] min=c[o] for (inti=o; i<n2; i++)

sum= sum + c [i] be now intend of (C[i]>mosc) max = C[i] else if (c[i]<min) min = cli] distinction out quinter ("Enter a C"+i+")") ? avg = (double) sum/n2, 10th ton & [1] Septem. out. frinktn ("Sum of even elements:" + sum); System, out, println ("Arrage of even elements: "+avg). System out, printer ("Maximum of ever elements:"+mose) System, out, println ("Minimum of even elements:"+min). Nax = clot nun = clos forcinties icas; itt