0.0	
20/00/2020	EXTRO PROBLEM!
54/	
1	from of odg & even nompers in an orial.
	import java . util. scanner;
	public class sum-odd_Even
	Eq. (1)
	public static void main (string () args)
	{
	int n, sumE=0, sumD=0;
	scanner sonew scanner (system.in);
	System. out. print ("Enter the number of
	elements in array: ") b;
	n = s.nextInt();
	int[] a = new int(n);
	System. out. println ("Enter the elements of
	array");

```
bor cint izo; izn; i++)
        ali] = 1. nextInt();
       Por (int i=0; i < n; i+1)
        if (acit=0; ico; i+x)
                 sume = Sume + a[i];
            il & coxCir erre
               sumo = sumo +a[i];
       system. out. println ("sum of Even Numbers:"+sume);
system. out. println ("sum of odd Numbers:"+ pund);
    counting positives, Negatives and zerois
5
    import java. util. scanner;
    public class catenumber Type
       public static void main (string() args)}
         int n, positive = 0, negative = 0, zero = 0, i;
          int arr (] = new int(50);
          Scanner scan = new scanner (system.in)
```

```
Bystem. out, print ("How many Number
                     want
 n: scan. nextInt();
System. out, println ("Enter" +n+ " Number: ");
Lor (izo; izn; i++)
   an [i] = scan.nextIn(();
  Por (1=0; 1 < n; 1+1)
    (o) [i] (o)
         negative ++;
      6176
              (air(i) = = 0)
          = 610 +4;
    e 1 1 e
        positive ++;
      System. out. print (" positive numbers .
                            are " + positive);
  system. out. print Cinnegative number
  system. out. print ("Inzeros are: " + zero);
```

	//
(1)	accept array as a stemants
	accept array of a elements
	create emo nem arrays
	1
	B: odd no's c: even numbers
	1
	Display (c) - sum
	- · ave
	- max & min
>	import. java. util. scanner;
	public class odd_even_array {
	public static void main (string[] args)
	int n, j=0, k=0, sum=0, avg, max, min;
	Scanner s=new Scanner (System.in);
	System. out. print ("Enter the numbers of
	elements in the arrall:
	n= s. nextint();
	in() a: new int(n);
	int() = new int[n];
	System. out. println ("Enter the element
	of the array: ");
	Lor (int i=0; i <n; i++)="" th="" {<=""></n;>
	a (i) = s. nextInt();
	1
	for (int i=o; i+n; i++) {
	:1 (o(;] x = = 0){
	c(j) = a(i);
	Sum += c((i);
	3++ 3
	6 7

	erse {
	5 (k) = a(i);
	k++;
	}
	}
	avg = sum /j;
	max = c(0);
	min = c(0);
	Los Cint i=0; izj; i++) {
	i (c(i) > max) {
	max = c(i);
	}
-	il (cci)< min) {
	min = c(i);
)
	>
	system. out. print ("In Array c - collection");
	System. out. print ("In sum: " + sum);
	system. out. print (" in Average : " - arg);
	system. out. print (" In MAX: " + max);
	system. out. print("In MIN!" + min);
	3
)
(3).	* double array rate per item say x
	int array quantity purchased by contor
	calculate total 5:11
	- 1
	[inal bil condition
	> 2000 E GG; 3.N. > 4200 E < 30'000 \ G; 12.N.
	> 2000 E OF 5 30 000 \ OO 1 2 1/2

(-1)
_
*
 import java. util. Scanner;
public calls Bill {
public static void main (string (7 orgs) {
Scanner sc= new Scanner (System.in);
System. out println ("Enter the number of
items:");
int n = sc.nextInt();
double indtot, tot=0;
double[] rpi = new double[n];
int[] quant = new int[n];
Lor Cint i = 0; icn ; i++) {
System. out. println ("enter quantity of
purchase and rate per
ctem" + Citz));
int q = sc. nextint();
double r = sc. next Double ();
quant [] = q;
rei(i]=+;
}
Lor (inti=0; izn; i+4) (
ind tot = quant (i) + rpi(i);
tot e= inditot;
}
i (tot > = 10000) {
System. out. printla (" Discount = 57, To total Sill
= "+ tot" Dislounted bid.
= "+ (tot- tot * 6.05));
}

```
e il (tot >=7500) {
System. out. println ("Discount=3%. Total o:11=
                       + tot+ " Discounted Bill="+
                        (tot - tot x 0.03));
cise il (tot >= 5000) (
   System. out. println ("Distant= 2.1. . Total Bil"
                   + to++ " Discounted Bill=" +
                      (tot-tot + 0.02));
eise }
  systemout. println ("NO DECCOUNT, TOFOFOR
                            Bill's" + tot);
```