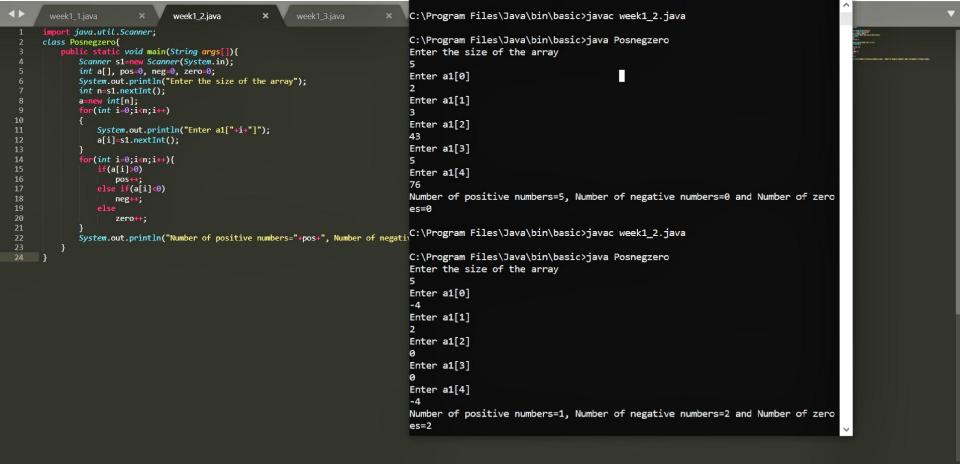
3 4 Accept an array of size in from the user. Find the sum of even indices and sum of odd indices (1,3,5 ---) and print the same. 7 import java. util. Scanner; class Aarray 1 ? Public static void main (String args []) { Scanner SIz new Scanner (System. in); 'int al[]; intsum=0,0 sum 2=0; System. out. Println ("Enter Size of array); int n=sl.nextInt(); al = new int [n]; tos (int i= osicn ; i++) System out println ("Enter a ["+i+"]"); al [i] = sol. neutInt(); For (i = 0; i < n; i + = i + 2) sum = sum | + axii]; for (i=10; i< n; i=i+2) Sum 2 = Sum 2 + al[i]; System out println("Sum of even indices 15 17 + Sum 1) j, System out printen ("Sum of odd indices 2020/9/29 20

```
week1_1.java
                         ×
                                week1 2.iava
                                                          week1 3.iava
                                                                                 C:\Users>cd ..
      import java.util.Scanner:
      class Evenoddarray(
         public static void main(String args[]){
                                                                                 C:\>cd C:\Program Files\Java\bin\basic
             Scanner s1=new Scanner(System.in);
             int a1[], sum1=0, sum2=0;
                                                                                 C:\Program Files\Java\bin\basic>javac week1 1.java
             System.out.println("Enter the size of the array");
                                                                                 'javac' is not recognized as an internal or external command,
             int n=s1.nextInt();
                                                                                 operable program or batch file.
             a1=new int[n];
             for(int i=0;i<n;i++)</pre>
10
                                                                                 C:\Program Files\Java\bin\basic>set path="C:\Program Files\Java\bin"
                 System.out.println("Enter a1["+i+"]");
                 a1[i]=s1.nextInt();
                                                                                 C:\Program Files\Java\bin\basic>javac week1 1.java
             for(int i=0;i<n;i=i+2)
14
                 sum1=sum1+a1[i];
                                                                                 C:\Program Files\Java\bin\basic>java Evenoddarray
16
             for(int i=1;i<n;i=i+2)</pre>
                                                                                 Enter the size of the array
                 sum2=sum2+a1[i];
18
             System.out.println("Sum of even indices is "+sum1);
19
             System.out.println("Sum of odd indices is "+sum2);
                                                                                 Enter a1[0]
20
                                                                                 Enter a1[1]
                                                                                 45
                                                                                 Enter a1[2]
                                                                                 Enter a1[3]
                                                                                 Enter a1[4]
```

C:\Users\harshitha>cd ...

Sum of even indices is 57 Sum of odd indices is 47 Decept an array of nintegers tind the number of positive numbers, negative rumbers and zeros. 2 Proport java util . Scanner clais Posnegzero ? public static void main (String args []) Scannes s/ = new Scanner (System in); int a [], posi, negi, zerő; System. Out Println("Enter the Size of the array "); int n = S[. neut Int[); a = new int[n]; for(i=0; i<n; i++) seyetem out printly ("Enter a ["+i+"]"); a[i]=Sl. nent Int(); for (i=0) i(n) i++) { if (aci] >0) POS++; else if (a[i](0) zero++; System out println ("Noundes of positive number = "+ post", Number of negative numbers = "+ nag +" and Number of zeroes = "+ zero);



Consider a super market bill. Accept adouble array holding rate per etem of say I etems and an int array showing the quantity purchased by a cuitomer. Calculate the total bill and final bill amount after giving discounts as per the following slaks. It bill amont >=10000, discount = 5%. If ball amout 7=75000 < < 10000, discort-31. It total bill >=5000, discout = 21. > import java citil. Scanner Clars Bill & E fulslie Static void main (String args[])
Scanner SI = new Scanner (System in);
double AIJ System out frintln ("Enter the number of items "); int x=Si.nextInt(); A=new double [x]; B=new

for (int i=0; i< x; i+t)

int[x]; Realer. System. out frints ("Enter the price of item " + i + " and the its quantity "); A [i] = Sl. nent Double(); B Ci]= Sl. nent Jut(); for(int i=0; i < x; i + t) total = total + (A[i] *B[i]); 2020/9/29 20:

if (total 7=10000) final = total - (5 * total) /100); else if (total > -7500) le le (total < 10000)] final = total - ((3 3 # total)/100); else if (Aotal 7=5000) lolo (total < 7500)) final = total - ((2# total)/100); final = total; System. out. PrintlnC"The food to tal bill aniount is Rs. "+ total); System out println ("The final seill anom)
after discount is Re. "+ Siral);

```
week1_1.java
                           week1 2.iava
                                                    week1_3.java
                                                                       ×
                                                                            C:\Program Files\Java\bin\basic>java Bill
import java.util.Scanner;
                                                                            Enter the number of items x
class Bill{
   public static void main(String args[]){
       Scanner s1=new Scanner(System.in);
                                                                            Enter the price of item 0 and the quatity of the same
       double A[],amt,total=0.0;
                                                                            240.4
       int B[];
       System.out.println("Enter the number of items x");
       int x=s1.nextInt();
                                                                            Enter the price of item 1 and the quatity of the same
       A=new double[x];
                                                                            333.56
       B=new int[x];
       for(int i=0;i<x;i++)</pre>
                                                                            Enter the price of item 2 and the quatity of the same
           System.out.println("Enter the price of item "+i+" and the quatity of 5554
           A[i]=s1.nextDouble();
           B[i]=s1.nextInt();
                                                                            Enter the price of item 3 and the quatity of the same
                                                                            343
       for(int i=0;i<x;i++){
           total=total+(A[i]*B[i]);
                                                                            Enter the price of item 4 and the quatity of the same
       if(total>=10000.0){
                                                                            4332
           amt=total-((5*total)/100.0);
                                                                            The total bill amount is 15949.32
       else if((total>=7500.0)&&(total<10000.0)){
                                                                            The final bill amount after discount is 15151.854
           amt=total-((3*total)/100.0);
       else if((total>=5000.0)&&(total<7500.0)){
           amt=total-((2*total)/100.0);
       else[
           amt=total;
       System.out.println("The total bill amount is " *total);
       System.out.println("The final bill amount after discount is " +amt);
```

4 b

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29 30 C:\Program Files\Java\bin\basic>javac week1_3.java

> Accept an Array A of n elements. Create two elements where the first One say B that holds all the number From array A and the Second say Golds the even rumbers from away A Displaythe sum, average, man Ei minot array C. - import java. util. Scanner; class Mreearaays & Public Static void main (String args []) { -Scanner S = new Scanner (System.in); int a[], b[], c[], i, j=0, k=0, sum=0, man, min) System. Orit. Println ("Enter the 8/38 of int n=Sl. nontIntos a-new intent; 2020/9/2 b=new int[n];

C= new int[n]) Por (i=0; i<n; i++) System.out. printles ("Enter a ("O+i+"]); a [i] = Sl. nent Jut (2) if(aci) 1.2 = = 0) bCiJ-acij; 4 5++; Elie c[K] = aci]; K++; man = c[o]; nien = c [O]; for(i=OjiKkji++) { sum= sum + c[i]; if (csi] > man? man=c[i]; ease if (C[i] ocmin) nin=c[i]; float avg = Sum (float) ak; System. out-Println ("Sum of clements in (= " + Sum); System. Out. Println ("Man "C="+ ang);
System. out. Print("Man" ("+ man);
System. out. Print("Min" ("+ man);

