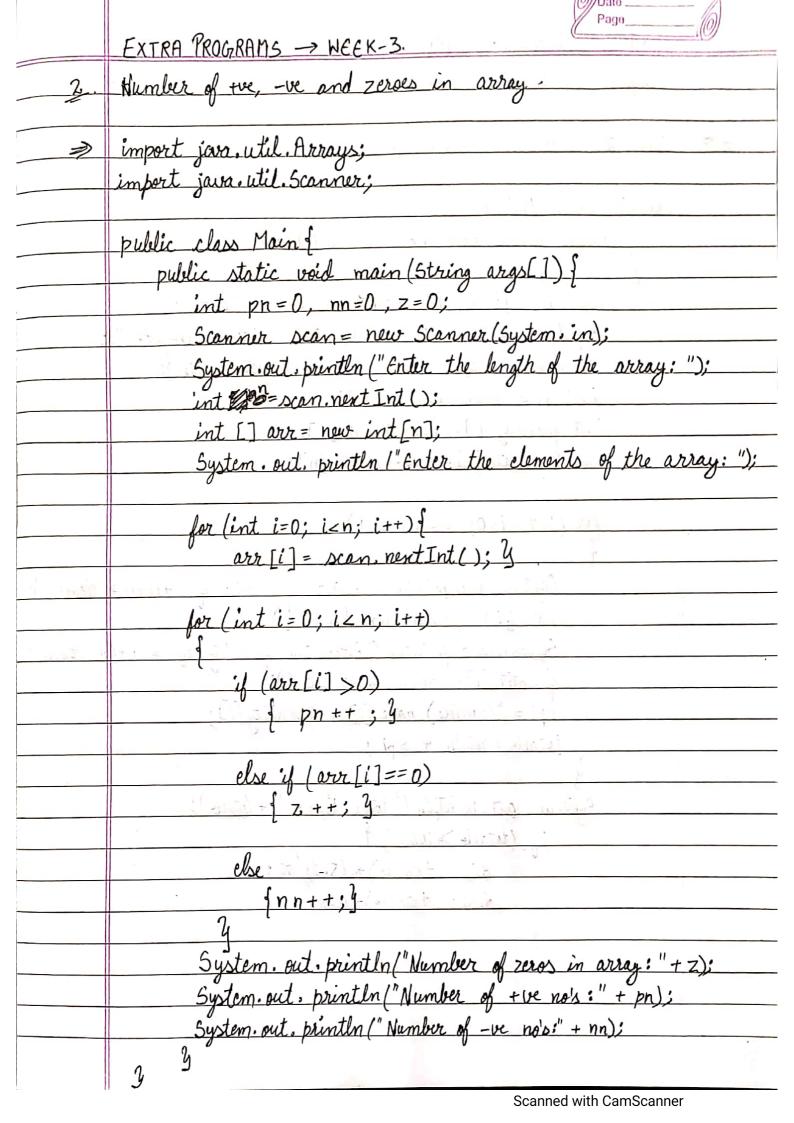
```
1 import java.util.Scanner;
2 import java.util.Arrays;
    public class Main
4- {
        public static void main(String[] args)
            int sume=0, sumo=0;
            Scanner scan = new Scanner(System.in);
            System.out.println("Enter the length of the array: ");
            int n = scan.nextInt();
10
            System.out.println("Enter the elements of the array: ");
11
12
            int [] arr = new int[n];
13
14-
            for(int i=0; i<n; i++ ) {
15
             arr[i] = scan.nextInt(); }
16
17
            System.out.print("\n\nSum of odd indices :\t");
            for (int i = 0; i < n; i = i + 2)
18
             sumo= sumo + arr[i];
19
20
             System.out.print(sumo # "\t");
21
22
            System.out.print("\n\nSum of even indices :\t");
            for (int i = 1; i < n; i = i + 2)
23
             sume= sume + arr[i];
24
            System.out.print(sume + "\t");
25
26
27 }
```

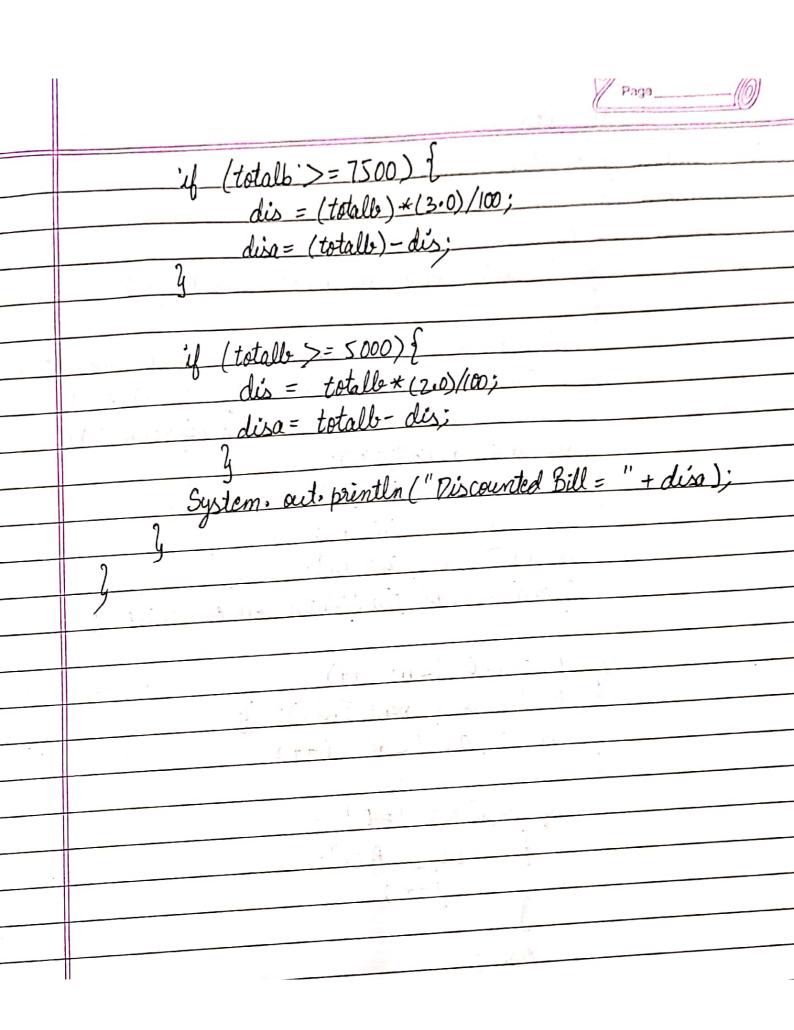
```
Enter the length of the array:
Enter the elements of the array:
4 6 10 5 7 9
Sum of odd indices :
                       21
Sum of even indices :
                        20
...Program finished with exit code 0
Press ENTER to exit console.
```



```
import java.util.Arrays;
    import java.util.Scanner;
    public class Main {
       public static void main(String args[]) {
          int pn = 0, nn = 0, z=0;
          Scanner scan = new Scanner(System.in);
                .out.println("Enter the length of the array: ");
          int n = scan.nextInt();
          int [] arr = new int[n];
10
              em.out.println("Enter the elements of the array: ");
11
12 -
          for(int i=0; i<n; i++ ) {
13
             arr[i] = scan.nextInt(); }
14
15
          for(int i = 0; i < n; i ++)
16
17
              if(arr[i] > 0)
18 -
19
                  pn++;
20
21
              else if(arr[i] == 0)
22
              { z++; }
23
              else
24
              { nn++; }
25
26
                .out.println("Number of zeros in the array are: " + z);
27
                .out.println("Number of positive numbers in the array are: " + pn);
28
                .out.println("Number of negative numbers in the array are: " + nn);
29
30 }
```

```
Enter the length of the array:
9
Enter the elements of the array:
-7 -10 0 5 0 -18 90 0 -45
Number of zeros in the array are: 3
Number of positive numbers in the array are: 2
Number of negative numbers in the array are: 4
... Program finished with exit code 0
Press ENTER to exit console.
```

	EXTRA PROGRAM -> NEEK-3.
_3,	Super market Bill.
	Triocrate Six
*	import java util Scanner;
	· convert formation
	Public class Main &
	public static void main (String (Jargs)
	of I () have a production of the state vible
	double rpi=0, totalb=0#, dis=0, dis=0;
	System. out. println ("Enter total items bought:")
V	Scanner scan = new Scanner (System, in);
	int n = scan rest Int();
	int quantity [] = new ? int [n];
(10 - 2:00)	double rate [] = new double [n];
	for (int i=0; i <n; i++)<="" th=""></n;>
	System, out println ("Enter the rate of "+(i+1) + "tem: ")
	rate [i] = scan next Paulle ();
	System. out println ("Enter the quentity of" + (i+1)+" itms:)
	quantity[i] = scan, ment Int (); rpi = (double) rate [i] * quantity[i];
	totall = totalb + rpi;
	4 (n=1) total li colo
	System, ait, printly ("Total bill="+ totalb);
	if (totalb > 10000) {
	dis = (totalb) * (5.0)/100;
	disa = (totallo)-dis;
eries.	3
.(5	System at part of the ive of seek in array:
	" or + " ! la. ser- in admit I had I man to transcription



```
import java.util.Scanner;
 2 public class Main{
        public static void main(String [] args)
            double rpi=0, totalb =0, dis=0, disa=0;
            System.out.println("Enter the total items bought: ");
            Scanner scan = new Scanner(System.in);
            int n = scan.nextInt();
            int quantity[]= new int[n];
10
            double rate[]= new double[n];
11
12
            for(int i = 0; i<n; i++)
13 -
14
                System.out.println("Enter the rate of "# (i+1) # " item: ");
                rate[i] =scan.nextDouble();
15
                      .out.println("Enter the quantity of " + (i+1) + " item: ");
16
                quantity[i] = scan.nextInt();
17
                rpi= (double) rate[i] * quantity[i];
18
19
                totalb = totalb + rpi;
20
                  .out.println("Total Bill= "+totalb);
21
22 -
                if (totalb = 10000){
                   dis= (totalb)*(5.0)/100;
23
                   disa=(totalb)-dis;
24
25
                if (totalb>= 7500){
26 -
27
                   dis = (totalb)*(3.0)/100;
28
                   disa =(totalb)-dis;
29
               if (totalb>= 5000){
30 -
31
                   dis= (totalb)*(2.0)/100;
```

```
Main java
                      uisa (cocaio) uis,
  29
                  if (totalb>= 5000){
  31
                      dis= (totalb)*(2.0)/100;
                      disa= (totalb) dis;
  32
  33
                   System.out.println("Discounted Bill= "+disa);
  34
  35
                                                                              input
Enter the total items bought:
Enter the rate of 1 item:
2500
Enter the quantity of 1 item:
Enter the rate of 2 item:
900
Enter the quantity of 2 item:
2
Enter the rate of 3 item:
500
Enter the quantity of 3 item:
3
Total Bill= 13300.0
Discounted Bill= 13034.0
... Program finished with exit code 0
Press ENTER to exit console.
```

EXTRALLYEK-3. 4. Import java-util. Scanners Import java util Arraysi public class Min f public static void main (String [] args) int n. j=0, k=0, sum=0, num=0, man=0, min-100. System. out println ("Enter no. of clements: "); Scanner scon= new Scanner (System. in) n = scan. next Int(); int A[] = new int [n]; int B[] = new int [n]; int C[] = new int [n]; System. out. println ("Enter all clements: "); lor (int i=0; i<n; i++) (A[i] = scan. next Int (); 4 for (int i = 0; i < n; i++) 4 (A[i] 1/2 1=0) B[j] = A[t]; else f C[k] = A[i]; System. out. println ("Old array: "+ Arrays. to String (B)); System. out. println ("Even array: "+ Arrays. to String (C));



for(int i=0; (i++))
Sum = Sum.+C[i];
if (C[i]> max)
max = C(i);
if (C[i] < min)
min = C[i];
Gustem not in the 1"c and "
System. out. println ("Sum of array C is" + sum); System. out. println ("Average of array C is" + ((sum) / K)); System. out. println ("Maximum element of array C is" + man.); System. out. println ("Minimum element of array C is" + man.); Y
 System. out. println ("Maximum element of array C is" + man);
System. out. println ("Minimum element of array C is "+ man).
3.

```
import java.util.Scanner;
    import java.util.Arrays;
    public class Main{
        public static void main(String[] args)
             int n, j=0, k=0, sum=0, num=0, max=0, min=1000;
             System.out.println("Enter no of elements: ");
             Scanner scan = new Scanner(System.in);
                 n = scan.nextInt();
             int A[] = new int[n];
11
             int B[] = new int[n];
12
             int C[] = new int[n];
                  m.out.println("Enter all elements: ");
13
14
15
             for (int i = 0; i < n; i++)
16
17
                 A[i] = scan.nextInt();
18
19
             for (int i = 0; i < n; i \leftrightarrow i \rightarrow i)
                if (A[i] %2 != 0)
21
22 "
23
                     B[j] = A[i];
                     j++;
25
26
                 else
27 *
28
                     C[k] = A[i];
29
                     k++;
30
31
```

```
24
25
                else
26
27 -
                    C[k] = A[i];
28
29
                    k++:
30
31
                  .out.println("Odd array: "+ Arrays.toString(B));
32
33
            System.out.println("Even array: "+ Arrays.toString(C));
34
35 -
            for(int i=0; i<k; i++){
36
                sum = sum + C[i];
37
38
                if (C[i] > max)
39
                max = C[i];
40
41
                if(C[i] < min)
42
                min = C[i];
43
44
                  .out.println("Sum of array C is "+ sum);
                   ..out.println("Average of array C is "+ (sum/k));
45
            System.out.println("Maximum element of array C is "# max);
46
            System.out.println("Minimum element of array C is "+ min);
47
        }
48
49
50
```



```
Enter no of elements:
Enter all elements:
2 4 3 9 8 10 19
Odd array: [3, 9, 19, 0, 0, 0, 0]
Even array: [2, 4, 8, 10, 0, 0, 0]
Sum of array C is 24
Average of array C is 6
Maximum element of array C is 10
Minimum element of array C is 2
... Program finished with exit code 0
Press ENTER to exit console.
```