

```
1  import java.util.*;
2  public class Main
3
4  {
5
6      public static void main(String[] args)
7
8      {
9
10         int n, a = 0, b = 0;
11
12         Scanner s = new Scanner(System.in);
13
14         System.out.println("Name:Vyshnavisrija");
15         System.out.println("Sap id:51834503");
16         System.out.print("Enter no. of elements y");
17
18         n = s.nextInt();
19
20         int x[] = new int[n];
21
22         int odd[] = new int[n];
23
24         int even[] = new int[n];
25
26         System.out.println("Enter all the elements");
27
28         for(int y = 0; y < n; y++)
29
30         {
31
32             x[y] = s.nextInt();
33
34         }
35
36         for(int y = 0; y < n; y++)
37
38         {
39
40             if(x[y] % 2 != 0)
41
42             {
43
44                 odd[a] = x[y];
45
46                 a++;
47
```



```
48         }
49
50         else
51
52         {
53
54             even[b] = x[y];
55
56             b++;
57
58         }
59
60     }
61
62     System.out.print("Odd:");
63
64     if(a > 1)
65
66     {
67
68         for(int y = 0;y < (a-1); y++)
69
70         {
71
72             System.out.print(odd[y]+",");
73
74         }
75
76         System.out.print(odd[a-1]);
77
78     }
79
80     else
81
82     {
83
84         System.out.println("No number");
85
86     }
87
88     System.out.println("");
89
90     System.out.print("Even:");
```

```
91
92     if(b > 1)
93     {
94         for(int y = 0; y < (b-1); y++)
95         {
96             System.out.print(even[y]+" , ");
97         }
98         System.out.print(even[b-1]);
99     }
100
101     System.out.print(even[b-1]);
102
103     }
104
105     else
106     {
107         System.out.println("No number");
108     }
109
110     }
111
112     }
113
114     }
115
116     }
117
118 }
```

```
Name:Vyshnavisrija
Sap id:51834503
Enter no. of elements you want in array:5
Enter all the elements:
12
4
32
56
38
Odd:No number

Even:12,4,32,56,38
Process finished.
```

```
1 public class Main
2 {
3     public static void main (String[] args) {
4         System.out.println("Name:Vyshnavisrija");
5         System.out.println ("Sap id:51834503");
6         int A=1;
7         for (int b=1;b<=5;b++)
8         {
9             for (int c=1;c<=b;c++)
10            {
11                System.out.print(A);
12                A++;
13            }
14            System.out.println();
15        }
16    }
17 }
```

Name:Vyshnavisrija

Sap id:51834503

1

23

456

78910

1112131415

Process finished.

```
1  import java.util.Scanner;
2
3  public class Main
4  {
5
6      public static void main(String[] args)
7      {
8
9          int c;
10
11          String temp;
12
13          Scanner s = new Scanner(System.in);
14
15          System.out.println("Name:Vyshnavisrija");
16          System.out.println("Sap id:51834503");
17          System.out.print("Enter number of words");
18
19          c = s.nextInt();
20
21          String names[] = new String[c];
22
23          Scanner s1 = new Scanner(System.in);
24
25          System.out.println("Enter all the words");
26
27          for(int a = 0; a < c; a++)
28          {
29              names[a] = s1.nextLine();
30          }
31
32          for (int a = 0; a < c; a++)
33          {
34              for (int b = a + 1; b < c; b++)
35              {
36                  if (names[a].compareTo(names[b])
```

```
46
47     {
48
49         temp = names[a];
50
51         names[a] = names[b];
52
53         names[b] = temp;
54
55     }
56
57 }
58
59 }
60
61 System.out.print("words in Sorted Order\n");
62
63 for (int a = 0; a < c - 1; a++)
64 {
65
66     System.out.print(names[a] + " ");
67
68 }
69
70
71 System.out.print(names[c - 1]);
72
73 }
74
75 }
```



```
Name:Vyshnavisrija
Sap id:51834503
Enter number of words you want to enter:5
Enter all the words line by line:
i
am
getting
trained
twice
words in Sorted Order line:am getting i trained
Process finished.
```