

```
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:pavan kumar");
15         System.out.println("Sap id:51834695");
16         System.out.print("Enter no. of elements you want to store: ");
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 of the array:");
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++;
```



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

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

```
Name:pavan kumar
Sap id:51834695
Enter no. of elements you want in array:5
Enter all the elements:
12
37
28
45
27
Odd:37,45,27
Even:12,28
Process finished.
```

```
1 public class Main
2 {
3     public static void main (String[] args) {
4         System.out.println("Name:pavan kumar");
5         System.out.println ("Sap id:51834695");
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:pavan kumar

Sap id:51834695

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:pavan kumar");
16         System.out.println("Sap id:51834695");
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
37
38
39
40
41
42
43
44
```

```
45         if (names[a].compareTo(names[b]) > 0)
46         {
47             temp = names[a];
48             names[a] = names[b];
49             names[b] = temp;
50         }
51     }
52
53     System.out.print("words in Sorted Order\n");
54     for (int a = 0; a < c - 1; a++)
55     {
56         System.out.print(names[a] + " ");
57     }
58     System.out.print(names[c - 1]);
59 }
60
61 }
```


Name:pavan kumar

Sap id:51834695

Enter number of words you want to enter:4

Enter all the words line by line:

i

live

in

vijayawada

words in Sorted Order line:i in live vijayawada

Process finished.