

```
1 import java.util.*;
2 public class Main
3 {
4
5     public static void main(String[] args)
6     {
7
8         int n, a = 0, b = 0;
9
10        Scanner s = new Scanner(System.in);
11
12        System.out.println("Name:pavan kumar");
13        System.out.println("Sap id:51834695");
14        System.out.print("Enter no. of elements yo
15
16        n = s.nextInt();
17
18        int x[] = new int[n];
19
20        int odd[] = new int[n];
21
22        int even[] = new int[n];
23
24        System.out.println("Enter all the elements
25
26        for(int y = 0; y < n; y++)
27
28        {
29
30            x[y] = s.nextInt();
31
32        }
33
34        for(int y = 0; y < n; y++)
35
36        {
37
38            if(x[y] % 2 != 0)
39
40            {
41
42                odd[a] = x[y];
43
44                a++;
45
46    }  
OO
```

```
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)
```

```
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
7         public static void main(String[] args)
8
9         {
10
11             int c;
12
13             String temp;
14
15             Scanner s = new Scanner(System.in);
16
17             System.out.println("Name:pavan kumar");
18             System.out.println("Sap id:51834695");
19             System.out.print("Enter number of words");
20
21             c = s.nextInt();
22
23             String names[] = new String[c];
24
25             Scanner s1 = new Scanner(System.in);
26
27             System.out.println("Enter all the words");
28
29             for(int a = 0; a < c; a++)
30
31             {
32
33                 names[a] = s1.nextLine();
34
35             }
36
37             for (int a = 0; a < c; a++)
38
39             {
40
41                 for (int b = a + 1; b < c; b++)
42
43                 {
44
45
46
47
48
49
49
```

```
45         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");
62
63     for (int a = 0; a < c - 1; a++)
64
65     {
66
67         System.out.print(names[a] + " ");
68
69     }
70
71     System.out.print(names[c - 1]);
72
73 }
74
75 }
```

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.