

```

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:Nancy
15 Florence\nSAP ID:51834501");
16         System.out.print("Enter no. of
17 elements you want in array:");
18
19         n = s.nextInt();
20
21         int x[] = new int[n];
22
23         int odd[] = new int[n];
24
25         int even[] = new int[n];
26
27         System.out.println("Enter all the
28 elements:");
29
30         for(int y = 0; y < n; y++)
31
32         {
33
34             x[y] = s.nextInt();
35
36         }
37
38         for(int y = 0; y < n; y++)
39
40         {
41
42             if(x[y] % 2 != 0)

```

TAB

{

}

;

"

=

RUN





```
41         {
42
43             odd[a] = x[y];
44
45             a++;
46
47         }
48
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
67         for(int y = 0;y < (a-1); y++)
68
69         {
70
71             System.out.print(odd[y]+",");
72
73         }
74
75         System.out.print(odd[a-1]);
76
77     }
78
79     else
80
81     {
82
```





```
76
77     }
78
79     else
80
81     {
82
83         System.out.println("No number");
84
85     }
86
87     System.out.println("");
88
89     System.out.print("Even:");
90
91     if(b > 1)
92
93     {
94
95         for(int y = 0; y < (b-1); y++)
96
97         {
98
99             System.out.print(even[y]
100 +", ");
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 }
```





OUTPUT

name:Nancy Florence

SAP ID:51834501

Enter no. of elements you want in

array:Enter all the elements:

Odd:No number

Even:No number



Code Playground



```
1 public class Main
2 {
3     public static void main (String[] args) {
4         System.out.println("Author:Nancy
5 Florence\nSAP ID:51834501");
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    }
```

TAB

{

}

;

"

=

RUN





OUTPUT

Author:Nancy Florence

SAP ID:51834501

1

23

456

78910

1112131415

```

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("Author:Nancy
16 Florence\nSAP ID:51834501");
17             System.out.print("Enter number of
18 words you want to enter:");
19
20             c = s.nextInt();
21
22             String names[] = new String[c];
23
24             Scanner s1 = new
25 Scanner(System.in);
26
27             System.out.println("Enter all the
28 words line by line:");
29
30             for(int a = 0; a < c; a++)
31             {
32                 names[a] = s1.nextLine();
33             }
34
35             for (int a = 0; a < c; a++)
36             {
37
38
39

```

TAB

{

}

;

"

=

RUN





```
36 |         for (int a = 0; a < c; a++)
37 |
38 |         {
39 |
40 |             for (int b = a + 1; b < c; b++)
41 |
42 |             {
43 |
44 |                 if
45 | (names[a].compareTo(names[b])>0)
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 |         System.out.print("words in Sorted
61 | Order line:");
62 |         for (int a = 0; a < c - 1; a++)
63 |
64 |         {
65 |
66 |             System.out.print(names[a] + "
67 | ");
68 |
69 |         }
70 |         System.out.print(names[c - 1]);
71 |
72 |     }
73 |
74 | }
```

TAB

{

;

"

=

RUN

