

```
import java.util.*;
public class Main

{

    public static void main(String[] args)

    {

        int n, a = 0, b = 0;

        Scanner s = new Scanner(System.in);

        System.out.println("Author: B.Vishnu
priya\nSAP ID:51834736");
        System.out.print("Enter no. of elements
you want in array:");

        n = s.nextInt();

        int x[] = new int[n];

        int odd[] = new int[n];

        int even[] = new int[n];

        System.out.println("Enter all the
elements:");

        for(int y = 0; y < n; y++)

        {

            x[y] = s.nextInt();

        }

        for(int y = 0; y < n; y++)

        {

            if(x[y] % 2 != 0)

            {

                odd[a] = x[y];
```

```
44         odd[a] = x[y];
45
46         a++;
47
48     }
49
50     else
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:");
```

```
72         System.out.print(odd[y]+",");
73
74     }
75
76     System.out.print(odd[a-1]);
77
78 }
79
80 else
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     for(int y = 0; y < (b-1); y++)
95     {
96
97         System.out.print(even[y]+",");
98
99     }
100
101     System.out.print(even[b-1]);
102
103 }
104
105 else
106 {
107
108     System.out.println("No number");
109
110 }
111
112 }
113
114 }
115
116 }
117
118 }
```

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Enter no. of elements you want in array:5

Enter all the elements:

12

33

88

55

39

Odd:33,55,39

Even:12,88

Process finished.

```
1 public class Main
2 {
3     public static void main (String[] args) {
4         System.out.println("Author:B.Vishnu
5         priya\nSAP ID:51834736");
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    }
```

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1

23

456

78910

1112131415

Process finished.

|

```
import java.util.Scanner;

public class Main
{
    public static void main(String[] args)
    {
        int c;

        String temp;

        Scanner s = new Scanner(System.in);

        System.out.println("Author:B.Vishnu  
priya\nSAP ID:41834736");
        System.out.print("Enter number of  
words you want to enter:");

        c = s.nextInt();

        String names[] = new String[c];

        Scanner s1 = new Scanner(System.in);

        System.out.println("Enter all the  
words line by line:");

        for(int a = 0; a < c; a++)
        {
            names[a] = s1.nextLine();
        }

        for (int a = 0; a < c; a++)
        {
            for (int b = a + 1; b < c; b++)
            {
                if
```

```

44         if
(names[a].compareTo(names[b])>0)
45
46         {
47
48             temp = names[a];
49
50             names[a] = names[b];
51
52             names[b] = temp;
53
54         }
55
56     }
57
58 }
59
60     System.out.print("words in Sorted
Order line:");
61
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 }

```



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Enter number of words you want to enter:4

Enter all the words line by line:

hi

hello

java

language

words in Sorted Order line:hello hi java langu

Process finished.