



```
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:G.vyshnavi,SAP ID:51834743");
15         System.out.print("Enter no. of elements you want in array:");
16
17         n = s.nextInt();
18
19         int x[] = new int[n];
20
21         int odd[] = new int[n];
22
23         int even[] = new int[n];
24
25         System.out.println("Enter all the elements:");
26
27         for(int y = 0; y < n; y++)
28         {
29
30             x[y] = s.nextInt();
31
32         }
33
34         for(int y = 0; y < n; y++)
35
36         {
37
```



Saved

```

34
35     for(int y = 0; y < n; y++)
36     {
37
38         if(x[y] % 2 != 0)
39
40         {
41
42             odd[a] = x[y];
43
44             a++;
45
46         }
47
48         else
49
50         {
51
52             even[b] = x[y];
53
54             b++;
55
56         }
57
58     }
59
60     System.out.print("Odd:");
61
62     if(a > 1)
63     {
64
65         for(int y = 0; y < (a-1); y++)
66
67         {
68
69
70

```





even and odd.java



Saved

```
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
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     System.out.print(even[b-1]);
```

Try Dcoder's keyboard





even and odd.java



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```
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     }
102
103     System.out.print(even[b-1]);
104
105 }
106
107 else
108 {
109
110     System.out.println("No number");
111
112 }
113
114 }
115 }
116
117 }
118
```





Name:G.vyshnavi,SAP ID:51834743

Enter no. of elements you want in array:3

Enter all the elements:

3

6

7

Odd:3,7

Even:No number

Process finished.



abstracts.java



Saved

```
1  import java.util.Scanner;
2  abstract class House
3  {
4      abstract void constructing();
5      abstract void painting();
6      abstract void cleaning();
7  }
8  public class Gunda extends House
9  {
10     public void constructing()
11     {
12         System.out.println("House is being constructed... ");
13     }
14     public void painting()
15     {
16         System.out.println("House is being painted... ");
17     }
18     public void cleaning()
19     {
20         System.out.println("House is being cleaned... ");
21     }
22     public static void main(String args[])
23     {
24         System.out.println("Name:G.vyshanvi,SAP ID:51834743");
25         Scanner sc=new Scanner(System.in);
26         System.out.println("Enter no of rooms you want:");
27         int n=sc.nextInt();
28         System.out.println("Enter color for your house:");
29         String col=sc.nextLine();
30         sc.nextLine();
31         House h=new Gunda();
32         h.constructing();
33         h.painting();
34         h.cleaning();
35     }
36 }
37
```

Try Dcoder's keyboard





Terminal



Name:G.vyshanvi,SAP ID:51834743

Enter no of rooms you want:

3

Enter color for your house:

green

House is being constructed...

House is being painted...

House is being cleaned...

Process finished.





```
1 public class Main
2 {
3     public static void main (String[] args) {
4         System.out.println("Name:G.vyshnavi,SAP ID:51834743");
5         int A=1;
6         for (int b=1;b<=5;b++)
7         {
8             for (int c=1;c<=b;c++)
9             {
10                 System.out.print(A);
11                 A++;
12             }
13             System.out.println();
14         }
15     }
16 }
17
```





Terminal



Name:G.vyshnavi,SAP ID:51834743

1

23

456

78910

1112131415

Process finished.



merge.java



Saved

```
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:G.vyshnavi,SAP ID:51834743")
18         System.out.print("Enter number of words you want to enter
19
20         c = s.nextInt();
21
22         String names[] = new String[c];
23
24         Scanner s1 = new Scanner(System.in);
25
26         System.out.println("Enter all the words line by line:");
27
28         for(int a = 0; a < c; a++)
29
30         {
31
32             names[a] = s1.nextLine();
33
34         }
35
36         for (int a = 0; a < c; a++)
37
```

: Make public





merge.java



Saved

```
25
26     System.out.println("Enter all the words line by line:");
27
28     for(int a = 0; a < c; a++)
29
30     {
31
32         names[a] = s1.nextLine();
33
34     }
35
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 (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++)
```

Make public





merge.java



Saved

```
43
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 }
```

Make public





Name:G.vyshnavi,SAP ID:51834743

Enter number of words you want to enter:4

Enter all the words line by line:

my

name

is

G

words in Sorted Order line:G is my name

Process finished.

