



2nd.java



Saved

```
1 port java.util.*;
2 blic class Main
3
4
5
6 public static void main(String[] args)
7 {
8
9     int n, a = 0, b = 0;
10
11     Scanner s = new Scanner(System.in);
12
13     System.out.print("Enter no. of elements you");
14
15     n = s.nextInt();
16
17     int x[] = new int[n];
18
19     int odd[] = new int[n];
20
21     int even[] = new int[n];
22
23     System.out.println("Enter all the elements:");
24
25     for(int y = 0; y < n; y++)
26     {
27
28         x[y] = s.nextInt();
29
30     }
31
32
33     for(int y = 0; y < n; y++)
34     {
35
36         if(x[y] % 2 != 0)
37         {
38
39             odd[a] = x[y];
40
41             a++;
42
43         }
44
45     }
46
47     else
48
49     {
50
51 }
```





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```
48         else
49
50     {
51
52         even[b] = x[y];
53
54         b++;
55
56     }
57
58 }
59 System.out.print("Odd:");
60
61 if(a > 1)
62 {
63
64     for(int y = 0;y < (a-1); y++)
65
66     {
67
68         System.out.print(odd[y]+",");
69
70     }
71
72 }
73
74 System.out.print(odd[a-1]);
75
76 }
77
78 else
79 {
80
81     System.out.println("No number");
82
83 }
84
85 System.out.println("");
86
87 System.out.print("Even:");
88
89 if(b > 1)
90 {
91
92     for(int y = 0; y < (b-1); y++)
93
94     {
95
96         System.out.print(even[y]+",");
97
98 }
```





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```
74         System.out.print(odd[a-1]);
75     }
76     else
77     {
78         System.out.println("No number");
79     }
80     System.out.println("");
81     System.out.print("Even:");
82     if(b > 1)
83     {
84         for(int y = 0; y < (b-1); y++)
85         {
86             System.out.print(even[y]+",");
87         }
88         System.out.print(even[b-1]);
89     }
90     else
91     {
92         System.out.println("No number");
93     }
94     System.out.println("\nBasha\n51834537");
95 }
```



x Terminal



Enter no. of elements you want in array:6
Enter all the elements:

6
8
9
0
5
4

Odd:9,5

Even:6,8,0,4

Basha

51834537

Process finished.

|

4th.java

Saved

```
1 import java.util.*;
2 public class Pattern
3 {
4     public static void main (String[] args) {
5
6         int n=1;
7         for (int b=1;b<=5;b++)
8         {
9             for (int c=1;c<=b;c++)
10            {
11                System.out.print(n);
12                n++;
13            }
14            System.out.println();
15        }
16        System.out.println("\nBasha\n51834537");
17    }
18 }
```

Terminal

```
1
23
456
78910
1112131415
```

```
Basha
51834537
```

```
Process finished.
```



op.java

Saved



```
1 import java.util.*;
2
3     public class Order
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
18             System.out.print("Enter number of words");
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");
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])
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 }
```





op.java

Saved



```
31             names[a] = s1.nextLine();
32
33     }
34
35     for (int a = 0; a < c; a++)
36     {
37
38         for (int b = a + 1; b < c; b++)
39         {
40
41             if (names[a].compareTo(names[b])>0)
42             {
43
44                 temp = names[a];
45
46                 names[a] = names[b];
47
48                 names[b] = temp;
49
50             }
51
52         }
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     System.out.print(names[a] + " ");
66
67 }
68
69
70 System.out.print(names[c - 1]);
71 System.out.println("\nBasha\n51834537");
72
73 }
74
75 .
```



Enter number of words you want to enter:5

Enter all the words line by line:

cat

rat

apple

sun

number

words in Sorted Order line:apple cat number rat sun

Basha

51834537

Process finished.