

```

1 import java.util.Arrays;
2 public class odd_even {
3     static void twoWaySort(int arr[], int n)
4     {
5         // Make all odd numbers negative
6
7         for (int i = 0; i < n; i++)
8
9             if ((arr[i] & 1) != 0) // Check for
10
11                 arr[i] *= -1;
12
13         // Sort all numbers
14         Arrays.sort(arr);
15         // Retaining original array
16
17         for (int i = 0; i < n; i++)
18
19             if ((arr[i] & 1) != 0)
20
21                 arr[i] *= -1;
22     }
23     // Driver Method
24     public static void main(String[] args)
25     {
26         System.out.println("K.Durga sri sravya SAPID:51836473");
27         int arr[] = { 1, 3, 2, 7, 5, 4 };
28         twoWaySort(arr, arr.length);
29         System.out.println(Arrays.toString(arr));
30
31     }
32 }

```

× Terminal



K.Durga sri sravya SAPID:51836473
[7, 5, 3, 1, 2, 4]

Process finished.

```

1 import java.util.Scanner;
2 public class Even_Odd
3 {
4     public static void main(String[] args)
5     {
6         int n, j = 0, k = 0;
7         Scanner s = new Scanner(System.in);
8         System.out.println("K.Durga sri sravya SA");
9         System.out.print("Enter no. of elements y");
10        n = s.nextInt();
11        int a[] = new int[n];
12        int odd[] = new int[n];
13        int even[] = new int[n];
14        System.out.println("Enter all the element");
15        for(int i = 0; i < n; i++)
16        {
17            a[i] = s.nextInt();
18        }
19        for(int i = 0; i < n; i++)
20        {
21            if(a[i] % 2 != 0)
22            {
23                odd[j] = a[i];
24                j++;
25            }
26            else
27            {
28                even[k] = a[i];
29                k++;
30            }
31        }
32        System.out.print("Odd:");
33        if(j > 1)
34        {
35            for(int i = 0; i < (j-1); i++)
36            {
37                System.out.print(odd[i]+" ,");
38            }
39            System.out.print(odd[j-1]);

```



```

27         {
28             even[k] = a[i];
29             k++;
30         }
31     }
32     System.out.print("Odd:");
33     if(j > 1)
34     {
35         for(int i = 0; i < (j-1); i++)
36         {
37             System.out.print(odd[i]+",");
38         }
39         System.out.print(odd[j-1]);
40     }
41     else
42     {
43         System.out.println("No number");
44     }
45     System.out.println("");
46     System.out.print("Even:");
47     if(k > 1)
48     {
49         for(int i = 0; i < (k-1); i++)
50         {
51             System.out.print(even[i]+",");
52         }
53         System.out.print(even[k-1]);
54     }
55     else
56     {
57         System.out.println("No number");
58     }
59 }

```

× Terminal



```

K.Durga sri sravya SAPID:51836473
Enter no. of elements you want in array:6
Enter all the elements:
01 34 22 87 67 33
Odd:1,87,67,33
Even:34,22

```

```
1 import java.util.Scanner;
2
3 public class FloydsTriangle
4 {
5     public static void main(String[] args)
6     {
7         System.out.println("K.Durga sri sravya SAP");
8         System.out.println("How many rows you want?");
9
10        Scanner sc = new Scanner(System.in);
11
12        int noOfRows = sc.nextInt();
13
14        int value = 1;
15
16        System.out.println("Floyd's Triangle : ");
17
18        for (int i = 1; i <= noOfRows; i++)
19        {
20            for (int j = 1; j <= i; j++)
21            {
22                System.out.print(value+"\t");
23
24                value++;
25            }
26
27            System.out.println();
28        }
29    }
30 }
```





```
K.Durga sri sravya SAPID:51836473
How many rows you want in Floyd's Triangle?
5
Floyd's Triangle :
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15

Process finished.
```

```

1 import java.util.Scanner;
2 public class Main
3 {
4     public static void main(String[] args)
5     {
6         int c;
7         String temp;
8         Scanner s = new Scanner(System.in);
9
10        System.out.println("K.Durga sri sravya");
11        System.out.print("Enter number of words: ");
12        c = s.nextInt();
13
14        String names[] = new String[c];
15
16        Scanner s1 = new Scanner(System.in);
17
18        System.out.println("Enter all the words:");
19
20        for(int a = 0; a < c; a++)
21        {
22            names[a] = s1.nextLine();
23        }
24
25        for (int a = 0; a < c; a++)
26        {
27            for (int b = a + 1; b < c; b++)
28            {
29                if (names[a].compareTo(names[b]) > 0)
30                {
31                    temp = names[a];
32                    names[a] = names[b];
33                    names[b] = temp;
34                }
35            }
36        }
37
38        System.out.print("words in Sorted Order:");
39        for (int a = 0; a < c - 1; a++)
40        {
41            System.out.print(names[a] + " ");
42        }
43        System.out.println(names[c-1]);
44    }
45 }

```



```
13
14 String names[] = new String[c];
15
16 Scanner s1 = new Scanner(System.in);
17
18 System.out.println("Enter all the words");
19
20 for(int a = 0; a < c; a++)
21 {
22     names[a] = s1.nextLine();
23 }
24
25
26 for (int a = 0; a < c; a++)
27 {
28     for (int b = a + 1; b < c; b++)
29     {
30         if (names[a].compareTo(names[b]) > 0)
31         {
32             temp = names[a];
33             names[a] = names[b];
34             names[b] = temp;
35         }
36     }
37 }
38
39 System.out.print("words in Sorted Order: ");
40 for (int a = 0; a < c - 1; a++)
41 {
42     System.out.print(names[a] + " ");
43 }
44 System.out.print(names[c - 1]);
45 }
46 }
```





K.Durga sri sravya SAPID:51836473

Enter number of words you want to enter:5

Enter all the words line by line:

sri sravya

doesn't

no

body

words in Sorted Order line: body doesn't no

Process finished.