```
import java.util.Arrays;
  public class odd_even {
      static void twoWaySort(int arr[], int n)
      {
           // Make all odd numbers negative
          for (int i = 0; i < n; i++)
               if ((arr[i] & 1) != 0) // Check for
                   arr[i] *= -1;
          // Sort all numbers
          Arrays.sort(arr);
          // Retaining original array
          for (int i = 0; i < n; i++)
              if ((arr[i] & 1) != 0)
                   arr[i] *= -1;
      // Driver Method
     public static void main(String[] args)
      {
        System.out.println("K.Durga sri sravya SAP:
          int arr[] = { 1, 3, 2, 7, 5, 4 };
          twoWaySort(arr, arr.length);
          System.out.println(Arrays.toString(arr));
      }
32 }
       Terminal
  ×
```

Process finished.

[7, 5, 3, 1, 2, 4]

K.Durga sri sravya SAPID:51836473

```
import java.util.Scanner;
 public class Even_Odd
 {
     public static void main(String[] args)
     {
         int n, j = 0, k = 0;
         Scanner s = new Scanner(System.in);
         System.out.println("K.Durga sri sravya SA
         System.out.print("Enter no. of elements y
         n = s.nextInt();
         int a[] = new int[n];
         int odd[] = new int[n];
         int even[] = new int[n];
         System.out.println("Enter all the element
         for(int i = 0; i < n; i++)
         {
             a[i] = s.nextInt();
         for(int i = 0; i < n; i++)
             if(a[i] % 2 != 0)
              {
                  odd[j] = a[i];
                  j++;
             else
             {
                  even[k] = a[i];
                  k++;
         System.out.print("Odd:");
         if(j > 1)
         {
              for(int i = 0; i < (j-1); i++)
                  System.out.print(odd[i]+",");
             System.out.print(odd[j-1]);
  File info(i)
:
```

```
1
                  even[k] = a[i];
                  k++:
          System.out.print("Odd:");
          if(j > 1)
          {
              for(int i = 0; i < (j-1); i++)
              {
                  System.out.print(odd[i]+",");
              System.out.print(odd[j-1]);
          else
              System.out.println("No number");
          System.out.println("");
          System.out.print("Even:");
          if(k > 1)
          {
              for(int i = 0; i < (k-1); i++)
                  System.out.print(even[i]+",");
          System.out.print(even[k-1]);
          else
          {
              System.out.println("No number");
58
          }
       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

```
import java.util.Scanner;
  public class FloydsTriangle
      public static void main(String[] args)
      {
        System.out.println("K.Durga sri sravya SAP]
          System.out.println("How many rows you war
          Scanner sc = new Scanner(System.in);
10
          int noOfRows = sc.nextInt();
          int value = 1;
          System.out.println("Floyd's Triangle : ")
          for (int i = 1; i \le noOfRows; i++)
               for (int j = 1; j <= i; j++)
               {
                   System.out.print(value+"\t");
22
                   value++;
               }
               System.out.println();
30 }
```



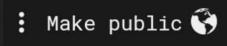
```
× Terminal
```

```
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.

```
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("K.Durga sri sravy
               System.out.print("Enter number of wor
               c = s.nextInt();
               String names[] = new String[c];
               Scanner s1 = new Scanner(System.in);
               System.out.println("Enter all the wor
               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++)
                   {
                          (names[a].compareTo(names[
                       {
                           temp = names[a];
                           names[a] = names[b];
                           names[b] = temp;
                       }
                   }
38
               System.out.print("words in Sorted Ord
                for (int a = 0; a < c - 1;
                                           a++)
   File info(i)
 :
                   System.out.print(names[a]
```

```
String names[] = new String[c];
               Scanner s1 = new Scanner(System.in);
               System.out.println("Enter all the wor
               for(int a = 0; a < c; a++)
               {
                   names[a] = s1.nextLine();
               for (int a = 0; a < c; a++)
               {
                       (int b = a + 1; b < c; b++)
                   {
                          (names[a].compareTo(names[
                       {
                           temp = names[a];
                           names[a] = names[b];
                           names[b] = temp;
                       }
                   }
               System.out.print("words in Sorted Orc
40
               for (int a = 0; a < c - 1;
                   System.out.print(names[a] + " ");
42
               System.out.print(names[c - 1]);
          }
```





× Terminal

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.