

```

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

```

```

1
2
3
4 id main(String[] args)
5
6 , b = 0;
7 new Scanner(System.in);
8 rprintln("Name : O.Jahnavi\nSAP ID:51834504");
9 rint("Enter no. of elements you want in array:");
10 t();
11 w int[n];
12 new int[n];
13 new int[n];
14 rprintln("Enter all the elements:");
15 0; y < n; y++)
16
17 s.nextInt();
18
19 0; y < n; y++)
20
21 % 2 != 0)
22
23 a] = x[y];
24
25
26
27
28 [b] = x[y];
29
30
31
32 rint("Odd:");
33
34
35 y = 0; y < (a-1); y++)
36
37 m.out.print(odd[y]+",");
38
39 ut.print(odd[a-1]);

```

```
28         even[b] = x[y];
29         b++;
30     }
31 }
32 System.out.print("Odd:");
33 if(a > 1)
34 {
35     for(int y = 0; y < (a-1); y++)
36     {
37         System.out.print(odd[y]+",");
38     }
39     System.out.print(odd[a-1]);
40 }
41 else
42 {
43     System.out.println("No number");
44 }
45 System.out.println("");
46 System.out.print("Even:");
47 if(b > 1)
48 {
49     for(int y = 0; y < (b-1); y++)
50     {
51         System.out.print(even[y]+",");
52     }
53     System.out.print(even[b-1]);
54 }
55 else
56 {
57     System.out.println("No number");
58 }
59 }
60 }
```

Name : O.Jahnavi

SAP ID:51834504

Enter no. of elements you want in array:10

Enter all the elements:

12

45

1

85

6

9

42

80

123

147

Odd:45,1,85,9,123,147

Even:12,6,42,80

Process finished.


```

1  abstract class House
2  {
3      abstract void constructing();
4      abstract void painting();
5      abstract void cleaning();
6  }
7  public class Jahnavi extends House
8  {
9      public void constructing()
10     {
11         System.out.println("House is being constructed...");
12     }
13     public void painting()
14     {
15         System.out.println("House is being painted...");
16     }
17     public void cleaning()
18     {
19         System.out.println("House is being cleaned...");
20     }
21     public static void main(String args[])
22     {
23         System.out.println("Name :O.Jahnavi\nSAP ID:51834504");
24         House h=new Jahnavi();
25         h.constructing();
26         h.painting();
27         h.cleaning();
28     }
29 }

```

✕ Terminal



```

Name :O.Jahnavi
SAP ID:51834504
House is being constructed...
House is being painted...
House is being cleaned...

Process finished.

```

```

1  class House
2
3      void constructing();
4      void painting();
5      void cleaning();
6
7  class Jahnavi extends House
8
9      void constructing()
10
11         out.println("House is being constructed... ");
12
13         void painting()
14
15             out.println("House is being painted... ");
16
17         void cleaning()
18
19             out.println("House is being cleaned... ");
20
21         static void main(String args[])
22
23             out.println("Name :0.Jahnavi\nSAP ID:51834504");
24             Jahnavi j = new Jahnavi();
25             j.constructing();
26             j.painting();
27             j.cleaning();
28
29

```

✕ Terminal



```

Name :0.Jahnavi
SAP ID:51834504
House is being constructed...
House is being painted...
House is being cleaned...

Process finished.

```

```

1 import java.util.Scanner;
2 class Pattern
3 {
4     public static void main(String args[])
5     {
6         System.out.println("Name : O.Jahnavi\nSAP ID : 51834504");
7         Scanner sc=new Scanner(System.in);
8         System.out.println("Enter the number of rows : ");
9         int n=sc.nextInt();
10        int k=1;
11        for(int i=1;i<=n;i++)
12        {
13            for(int j=1;j<=i;j++)
14            {
15                System.out.print(k++);
16            }
17            System.out.println();
18        }
19    }
20 }

```

✕ Terminal



```

Name : O.Jahnavi
SAP ID : 51834504
Enter the number of rows : 
5
1
23
456
78910
1112131415

```

Process finished.

```
1  l.Scanner;
2
3
4  c void main(String args[])
5
6  .println("Name : O.Jahnavi\nSAP ID : 51834504");
7  =new Scanner(System.in);
8  .println("Enter the number of rows : ");
9  extInt();
10
11  1;i<=n;i++)
12
13  j=1;j<=i;j++)
14
15  .out.print(k++);
16
17  ut.println();
18
19
20
```

✕ Terminal



```
Name : O.Jahnavi
SAP ID : 51834504
Enter the number of rows :
5
1
23
456
78910
1112131415

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          System.out.println("Name : O.Jahnavi\nSAI");
10         System.out.print("Enter number of words ");
11         c = s.nextInt();
12         String names[] = new String[c];
13         Scanner s1 = new Scanner(System.in);
14         System.out.println("Enter all the words ");
15         for(int a = 0; a < c; a++)
16         {
17             names[a] = s1.nextLine();
18         }
19         for (int a = 0; a < c; a++)
20         {
21             for (int b = a + 1; b < c; b++)
22             {
23                 if (names[a].compareTo(names[b]) > 0)
24                 {
25                     temp = names[a];
26                     names[a] = names[b];
27                     names[b] = temp;
28                 }
29             }
30         }
31
32         System.out.print("words in Sorted Order ");
33         for (int a = 0; a < c - 1; a++)
34         {
35             System.out.print(names[a] + " ");
36         }
37         System.out.print(names[c - 1]);
38     }

```

```

1  nner;
2
3
4  d main(String[] args)
5
6
7
8  ew Scanner(System.in);
9  intln("Name : O.Jahnavi\nSAP ID : 51834504");
10 int("Enter number of words you want to enter:");
11 ();
12 ] = new String[c];
13 new Scanner(System.in);
14 intln("Enter all the words line by line:");
15 ; a < c; a++)
16
17 ] = s1.nextLine();
18
19 0; a < c; a++)
20
21 b = a + 1; b < c; b++)
22
23 ames[a].compareTo(names[b])>0)
24
25 emp = names[a];
26 ames[a] = names[b];
27 ames[b] = temp;
28
29
30
31
32
33 int("words in Sorted Order line:");
34 0; a < c - 1; a++)
35
36 t.print(names[a] + " ");
37
38 intln(names[c - 1]);
39

```

```

8 Scanner s = new Scanner(System.in);
9 System.out.println("Name : O.Jahnavi\nSA
10 System.out.print("Enter number of words
11 c = s.nextInt();
12 String names[] = new String[c];
13 Scanner s1 = new Scanner(System.in);
14 System.out.println("Enter all the words
15 for(int a = 0; a < c; a++)
16 {
17     names[a] = s1.nextLine();
18 }
19 for (int a = 0; a < c; a++)
20 {
21     for (int b = a + 1; b < c; b++)
22     {
23         if (names[a].compareTo(names[b])
24         {
25             temp = names[a];
26             names[a] = names[b];
27             names[b] = temp;
28         }
29     }
30 }
31 }
32 System.out.print("words in Sorted Order
33 for (int a = 0; a < c - 1; a++)
34 {
35     System.out.print(names[a] + " ");
36 }
37 System.out.print(names[c - 1]);
38 }
39 }
40 }

```

```
Name : O.Jahnavi
SAP ID : 51834504
Enter number of words you want to enter:5
Enter all the words line by line:
hello
this
is
jahnavi
bye
```



```
Enter all the words line by line.  
hello  
this  
is  
jahnavi  
bye  
words in Sorted Order line:bye hello is jahnavi this  
Process finished.
```