```java
//2nd answer
import java.util.*;

 // Compiler version JDK 11.0.2

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("author:P.Hemanth\nsap.i
        System.out.print("Enter no. of elements you
        n = s.nextInt();
        int a[] = new int[n];
        int odd[] = new int[n];
        int even[] = new int[n];
        System.out.println("Enter all the elements:
        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]);
        }
        else
        {
            System.out.println("No number");
        }
        System.out.println("");
```

```java
        int odd[] = new int[n];
        int even[] = new int[n];
        System.out.println("Enter all the elements:
        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]);
        }
        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");
        }
    }
}
```

```
author:P.Hemanth
sap.id:51834553
Enter no. of elements you want in array:5
Enter all the elements:
2
7
3
37
2
Odd:7,3,37
Even:2,2
Process finished.
```
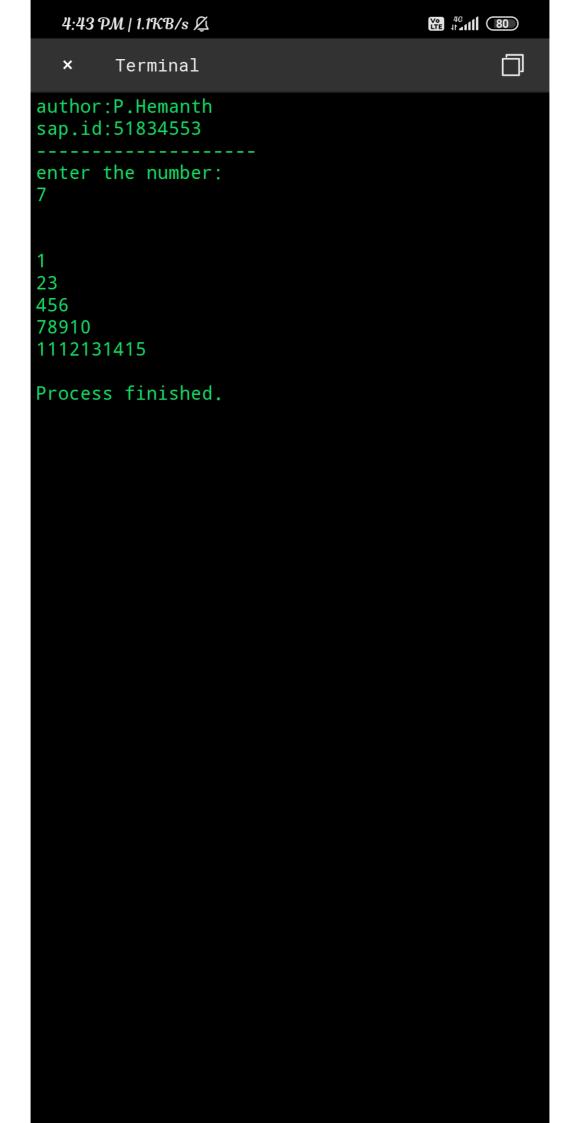
```java
//4th answer

import java.util.*;

 // Compiler version JDK 11.0.2


public class Program
{
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        System. out. println("author:P.Hemanth\nsap.i
        System .out. println("--------------------");
        System. out. println("enter the number: ");
         int number=sc.nextInt();

    int val=1;
     for(int i=0;i<number;i++)
     {
     for(int j=1;j<i;j++)
     {

    System.out.print(val);
    val++;
     }
     System.out.print("\n");
     }
    }
}
```

author:P.Hemanth
sap.id:51834553
----
enter the number:
7

1
23
456
78910
1112131415

Process finished.

```java
1
2  //5th answer
3  import java.util.*;
4
5   // Compiler version JDK 11.0.2
6
7     public class Sort
8
9     {
10
11        public static void main(String[] args)
12
13        {
14
15            String temp;
16
17            Scanner sc = new Scanner(System.in);
18
19            System.out.println("Author:P.Hemanth\nS
20            System.out.print("Enter no. of words yo
21            int  num = sc.nextInt();
22            String names[] = new String[num];
23
24            Scanner s1 = new Scanner(System.in);
25
26            System.out.println("Enter all the words
27
28            for(int a = 0; a < num; a++)
29
30            {
31
32                names[a] = s1.nextLine();
33
34            }
35
36            for (int a = 0; a < num; a++)
37
38            {
39
40                for (int b = a + 1; b < num; b++)
41
42                {
43
44                    if (names[a].compareTo(names[b]
45
46                    {
47
48                        temp = names[a];
49
50                        names[a] = names[b];

                         names[b] = temp;
```

```java
                {
        names[a] = s1.nextLine();

    }

    for (int a = 0; a < num; a++)

    {

        for (int b = a + 1; b < num; b++)

        {

            if (names[a].compareTo(names[b]

            {

                temp = names[a];

                names[a] = names[b];

                names[b] = temp;

            }

        }

    }

    System.out.print("words in Sorted Order

    for (int a = 0; a < num - 1; a++)

    {

        System.out.print(names[a] + " ");

    }

    System.out.print(names[num - 1]);

    }

}
```

```
Author:P.Hemanth
SAP ID:5183553
Enter no. of words you want: 3
Enter all the words line by line:
bu
hi
ahh
words in Sorted Order line:ahh bu hi
Process finished.
```