```java
import java.util.Scanner;
public class Pattern
{
    public static void main (String[] args) {
        System.out.println("Author:k.Naga Sravanthi
        int A=1;
        for (int b=1;b<=5;b++)
        {
            for (int c=1;c<=b;c++)
            {
                System.out.print(A);
                A++;
            }
            System.out.println();
        }
    }
}
```

```java
import java.util.*;
public class CountEvenOdd
{
    public static void main(String[] args)
    {
        int n, a = 0, b = 0;

        Scanner s = new Scanner(System.in);

        System.out.println("Author:K.Naga sravanthi\nSAP ID:51834497");
        System.out.print("Enter no. of elements you want in array:");

        n = s.nextInt();

        int x[] = new int[n];

        int odd[] = new int[n];

        int even[] = new int[n];

        System.out.println("Enter all the elements:");

        for(int y = 0; y < n; y++)

        {

            x[y] = s.nextInt();

        }

        for(int y = 0; y < n; y++)

        {

            if(x[y] % 2 != 0)

            {

                odd[a] = x[y];

                a++;

            }

            else

            {

                even[b] = x[y];

                b++;

            }

        }
        System.out.print("Odd:");

        if(a > 1)

        {

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

            {

                System.out.print(odd[y]+",");

            }

            System.out.print(odd[a-1]);

        }

        else

        {

            System.out.println("No number");

        }

        System.out.println("");

        System.out.print("Even:");

        if(b > 1)

        {

            for(int y = 0; y < (b-1); y++)

            {

                System.out.print(even[y]+",");

            }

            System.out.print(even[b-1]);

        }

        else

        {

            System.out.println("No number");

        }

    }
```

```
Author:K.Naga sravanthi
SAP ID:51834497
Enter no. of elements you want in array:7
Enter all the elements:
3
16
79
3
74
85
9
Odd:3,79,3,85,9
Even:16,74
Process finished.
```

```java
import java.util.Scanner;

    public class SortedOrder
    {
        public static void main(String[] args)
        {
            int c;

            String temp;

            Scanner s = new Scanner(System.in);

            System.out.println("Author:K.Naga Sravanthi\nSAP ID:51834497");
            System.out.print("Enter number of words you want to enter:");

            c = s.nextInt();

            String names[] = new String[c];

            Scanner s1 = new Scanner(System.in);

            System.out.println("Enter all the words line by line:");

            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++)

                {

                    if (names[a].compareTo(names[b])>0)

                    {

                        temp = names[a];

                        names[a] = names[b];

                        names[b] = temp;

                    }

                }

            }

            System.out.print("words in Sorted Order line:");

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

            {

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

            }

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

        }
    }
```

```
Author:K.Naga Sravanthi
SAP ID:51834497
Enter number of words you want to enter:5
Enter all the words line by line:
hi
what
are
you
doing
words in Sorted Order line:are doing hi what you
Process finished.
```