```java
class WordCounting{
  static int wordcount(String string)
    {
      int count=0;

        char ch[]= new char[string.length()];
        for(int i=0;i<string.length();i++)
        {
            ch[i]= string.charAt(i);
            if( ((i>0)&&(ch[i]!=' ')&&(ch[i-1]=='
                count++;
        }
        return count;
    }
 public static void main(String[] args) {
    System.out.println("sai seshank , 51834691");
      String string ="    I learn java everyday";
    System.out.println(wordcount(string) + " wor
```

Terminal   ×

```
sai seshank , 51834691
4 words.

Process finished.
```

```java
    private static int[] mergeArray(int[] arrayA, i
    {
        int[] mergedArray = new int[arrayA.length + a

        int i=0, j=0, k=0;

        while (i < arrayA.length)
        {
            mergedArray[k] = arrayA[i];
            i++;
            k++;
        }

        while (j < arrayB.length)
        {
            mergedArray[k] = arrayB[j];
            j++;
            k++;
        }

        Arrays.sort(mergedArray);

        return mergedArray;
    }

    public static void main(String[] args)
    {

        System.out.println("Sai seshank,51834691");
        int[] arrayA = new int[] {10, -1, 5, 9, 37, -

        int[] arrayB = new int[] {28, 8, 31, -7, 18};

        int[] mergedArray = mergeArray(arrayA, arrayB

        System.out.println("Array A : "+Arrays.toStri

        System.out.println("Array B : "+Arrays.toStri

        System.out.println("Merged Array : \n"+Arrays
```

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Sai seshank,51834691
Array A : [10, -1, 5, 9, 37, -2, 27]
Array B : [28, 8, 31, -7, 18]
Merged Array :
[-7, -2, -1, 5, 8, 9, 10, 18, 27, 28, 31,

Process finished.
```

```java
import java.lang.Math;
public class patern
{
    public static void main(String[] args)
    {
      System.out.println("Sai seshank,51834691");
          char ch=' ';
          for(int i=4;i>=1;i--)
          {
              int k=(int)Math.pow(2,i-1);
              if(i==4)
                 ch='*';
              else if(i==3)
                 ch='&';
              else if(i==2)
                 ch='%';
              for(int j=i;j<=4;j++)
              {
                  System.out.print(" ");
              }
              for(int j=1;j<=k+2;j++)
              {
                  if(j==1 || j==k+2 && i!=1)
                  {
                      System.out.print("#");
                  }
                  else if(i!=1)
                  {
                      System.out.print(ch);
                  }
              }
              System.out.println();
          }
    }
}
```

```
Sai seshank,51834691
 #********#
   #&&&&#
    #%%#
     #

Process finished.
```

```java
import java.util.Scanner;
public class AscOrder
{
    public static void main(String[] args)
    {
        int n, temp;
        Scanner s = new Scanner(System.in);
        System.out.println("Author :G.Sai Seshank
        n = s.nextInt();
        int a[] = new int[n];
        System.out.println("Enter all the elemen
        for (int i = 0; i < n; i++)
        {
            a[i] = s.nextInt();
        }
        for (int i = 0; i < n; i++)
        {
            for (int j = i + 1; j < n; j++)
            {
                if (a[i] > a[j])
                {
                    temp = a[i];
                    a[i] = a[j];
                    a[j] = temp;
                }
            }
        }
        System.out.print("Ascending Order:");
        for (int i = 0; i < n - 1; i++)
        {
            System.out.print(a[i] + ",");
        }
        System.out.print(a[n - 1]);
    }
}
```

: Project info (i)

►

```
×      Terminal                          ▢

Author :G.Sai Seshank,sap: 51834691
Enter no. of elements you want in array:4
Enter all the elements:
6
2
8
1
Ascending Order:1,2,6,8
Process finished.
```