```java
import java.util.*;
public class WordCount {
        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-
                        count++;
                }
                return count;
            }
        public static void main(String[] args) {
          Scanner sc = new Scanner (System.in);
          System.out.println("Author: J.Sri Sai Ma
          System.out.println("SAP ID: 51834596");
          System.out.println("enter the string");
            String string =sc.nextLine();
          System.out.print("Output: "+wordcount(s
        }
}
```

✕ Terminal ⧉

```
Author: J.Sri Sai Manoj
SAP ID: 51834596
enter the string
public static void main
Output: 4 words.
Process finished.
```

```java
 1  import java.util.Scanner;
 2  public class Merge
 3  {
 4      static Scanner s = new Scanner(System.in);
 5        public static void main(String[] args)
 6        {
 7            Scanner s = new Scanner(System.in);
 8            System.out.println("Author : J Sri Sai M
 9            System.out.println("SAP ID : 51834596");
10            System.out.println("Enter the size of th
11            int [] arr1 = insert();
12            System.out.println("Enter the size of th
13            int [] arr2 = insert();
14
15            int [] arr3 = new int [arr1.length+arr2.
16
17            for(int i=0;i<(arr1.length+arr2.length);
18            {
19                if(i<arr1.length)
20                {
21                    arr3[i]=arr1[i];
22                }
23                else
24                {
25                    arr3[i]=arr2[i-arr1.length];
26                }
27            }
28            bubblesort(arr3);
29            for(int i=0;i<arr3.length;i++)
30            {
31                System.out.print(arr3[i]+" ");
32            }
33        }
34      public static int[] insert()
35        {
36            int [] arr = new int[s.nextInt()];
37            System.out.println("Enter the values :")
38            for(int i=0;i<arr.length;i++)
39            {
40                arr[i] = s.nextInt();
41            }
42            return arr;
43        }
44      public static int[] bubblesort(int arr [])
45        {
46        System.out.println("Output: ");
47            for(int i=0;i<arr.length-1;i++)
48            {
49                for(int j=0;j<arr.length-i-1;j++)
50                {
51                    if(arr[j]>arr[j+1])
52                    {
53                        int temp = arr[j];
54                        arr[j]    = arr[j+1];
55                        arr[j+1] = temp;
56                    }
57                }
58            }
59            return arr;
60        }
61
62  }
```

```
Author : J Sri Sai Manoj
SAP ID : 51834596
Enter the size of the first array:
5
Enter the values :
1
3
5
7
9
Enter the size of the second array:
5
Enter the values :
2
4
6
8
10
Output:
1 2 3 4 5 6 7 8 9 10
Process finished.
```

```java
import java.lang.Math;
public class Pattren
{
    public static void main(String[] args)
    {
        System.out.println("Author : J Sri Sai Mano
        System.out.println("SAP ID : 51834596");
        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();
        }
    }
}
```

```
✕ Terminal                          ⧉

Author : J Sri Sai Manoj
SAP ID : 51834596
  #********#
   #&&&&#
    #%%#
     #


Process finished.
```