```java
// question 1//
import java.util.Scanner;
public class main
{
    public static void main(String[] args)
    {
        int n, temp;
        Scanner s = new Scanner(System.in);
        System.out.println("Author :ch.madhu sai");  System.out.print(
        n = s.nextInt();
        int a[] = 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++)
        {
            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]);
    }
}
```

```
× Terminal                                    ⧉

Author :ch.madhu sai
Enter no. of elements you want in array:2
Enter all the elements:
123
564
Ascending Order:123,564
Process finished.
```

```java
//question 2//
import java.util.Arrays;

public class Main
{
    private static int[] mergeArray(int[] array1, int[] array2)
    {
        System.out.println("Author:ch.madhu sai\nSAP ID:51834527");
        int[] mergedArray = new int[array1.length + array2.length];

        int a=0, b=0, c=0;

        while (a < array1.length)
        {
            mergedArray[c] = array1[a];
            a++;
            c++;
        }

        while (b < array2.length)
        {
            mergedArray[c] = array2[b];
            b++;
            c++;
        }

        Arrays.sort(mergedArray);

        return mergedArray;
    }

    public static void main(String[] args)
    {
        int[] array1 = new int[] {12, -7, 18, 9, 37, -1, 21};

        int[] array2 = new int[] {27, 8, 71, -9, 18};

        int[] mergedArray = mergeArray(array1, array2);

        System.out.println("Array 1 : "+Arrays.toString(array1));

        System.out.println("Array 2 : "+Arrays.toString(array2));

        System.out.println("Merged Array : "+Arrays.toString(mergedAr
    }
}
```

```
Author:ch.madhu sai
SAP ID:51834527
Array 1 : [12, -7, 18, 9, 37, -1, 21]
Array 2 : [27, 8, 71, -9, 18]
Merged Array : [-9, -7, -1, 8, 9, 12, 18, 18, 21, 27, 37, 71]

Process finished.
```

```java
//question 5 //
import java.util.*;
public class Exercise5 {

   public static void main(String[] args)
      {
           Scanner in = new Scanner(System.in);
           System.out.print("Input the string: ");
           String str = in.nextLine();

           System.out.print("Number of words in the string: " + count_Wo
      }

   public static int count_Words(String str)
      {
          int count = 0;
          if (!(" ".equals(str.substring(0, 1))) || !(" ".equals(str.su
          {
              for (int i = 0; i < str.length(); i++)
              {
                  if (str.charAt(i) == ' ')
                  {
                      count++;
                  }
              }
              count = count + 1;
          }
          return count; // returns 0 if string starts or ends with spac
      }
}
```

```
Input the string: madhusai
Number of words in the string: 1

Process finished.
```

JAVA_QUIZ_DAY_8

Attempts allowed: 1

This quiz opened at Monday, 27 July 2020, 3:00 PM

This quiz will close at Monday, 27 July 2020, 4:00 PM

Time limit: 30 mins

SUMMARY OF YOUR PREVIOUS ATTEMPTS

State	Marks / 20.00	Grade / 10.00	Review
Finished Submitted Monday, 27 July 2020, 3:48 PM	12.50	6.25	

YOUR FINAL GRADE FOR THIS QUIZ IS 6.25/10.00.

No more attempts are allowed

Back to the course