



ascending.java



Saved

```
1  import java.util.Scanner;
2  public class Ascending
3  {
4      public static void main(String[] args)
5      {
6          int n, temp;
7          Scanner s = new Scanner(System.in);
8          System.out.println("Name:G.vyshanvi,Sap id :51834743");
9          System.out.print("Enter no. of elements you want in array:");
10         n = s.nextInt();
11         int a[] = new int[n];
12         System.out.println("Enter all the elements:");
13         for (int i = 0; i < n; i++)
14         {
15             a[i] = s.nextInt();
16         }
17         for (int i = 0; i < n; i++)
18         {
19             for (int j = i + 1; j < n; j++)
20             {
21                 if (a[i] > a[j])
22                 {
23                     temp = a[i];
24                     a[i] = a[j];
25                     a[j] = temp;
26                 }
27             }
28         }
29         System.out.print("Ascending Order:");
30         for (int i = 0; i < n - 1; i++)
31         {
32             System.out.print(a[i] + ",");
33         }
34         System.out.print(a[n - 1]);
35     }
36 }
37
```

Try Dcoder's keyboard





```
Name:G.vyshanvi,Sap id :51834743
Enter no. of elements you want in array:5
Enter all the elements:
3
6
19
2
1
Ascending Order:1,2,3,6,19
Process finished.
```



vyshu.file.java



Saved

```
1  import java.util.Arrays;
2
3  public class Main
4  {
5      private static int[] mergeArray(int[] array1, int[] array2)
6      {
7          System.out.println("Name:G.vyshnavi,SAP ID:51834743");
8          int[] mergedArray = new int[array1.length + array2.length];
9
10         int a=0, b=0, c=0;
11
12         while (a < array1.length)
13         {
14             mergedArray[c] = array1[a];
15             a++;
16             c++;
17         }
18
19         while (b < array2.length)
20         {
21             mergedArray[c] = array2[b];
22             b++;
23             c++;
24         }
25
26         Arrays.sort(mergedArray);
27
28         return mergedArray;
29     }
30
31     public static void main(String[] args)
32     {
33         int[] array1 = new int[] {12, -7, 18, 9, 37, -1, 21};
34
35         int[] array2 = new int[] {27, 8, 71, -9, 18};
36
37         int[] mergedArray = mergeArray(array1, array2);
```

: Make public

Array 1 : "+Arrays.toString(array





vyshu.file.java



Saved

```
14     mergedArray[c] = array1[a];
15     a++;
16     c++;
17 }
18
19 while (b < array2.length)
20 {
21     mergedArray[c] = array2[b];
22     b++;
23     c++;
24 }
25
26 Arrays.sort(mergedArray);
27
28 return mergedArray;
29 }
30
31 public static void main(String[] args)
32 {
33     int[] array1 = new int[] {12, -7, 18, 9, 37, -1, 21};
34
35     int[] array2 = new int[] {27, 8, 71, -9, 18};
36
37     int[] mergedArray = mergeArray(array1, array2);
38
39     System.out.println("Array 1 : "+Arrays.toString(array1));
40
41     System.out.println("Array 2 : "+Arrays.toString(array2));
42
43     System.out.println("Merged Array : "+Arrays.toString(mergedArray));
44 }
45
```

Make public





Name:G.vyshnavi,SAP ID:51834743

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.



abstract.java



Saved

```
1  abstract class Student{
2      abstract void reading();
3      abstract void listening();
4      abstract void writing();
5      abstract void walking();
6      abstract void drawing();
7  }
8  class Jahnavi_V extends Student{
9      void reading(){
10         System.out.println("Student is reading...");
11     }
12     void listening(){
13         System.out.println("Student is listening...");
14     }
15     void writing(){
16         System.out.println("Student is writing...");
17     }
18     void walking(){
19         System.out.println("Student is walking...");
20     }
21     void drawing(){
22         System.out.println("Student is drawing...");
23     }
24 }
25 class Jahnavi{
26     public static void main(String args[]){
27         System.out.println("Name :G.vyshnavi,Sap id :51834743");
28         Student s=new Jahnavi_V();
29         s.reading();
30         s.listening();
31         s.writing();
32         s.walking();
33         s.drawing();
34     }
35 }
```

Try Dcoder's keyboard





Name :G.vyshnavi,Sap id :51834743

Student is reading...

Student is listening...

Student is writing...

Student is walking...

Student is drawing...

Process finished.



patterns.file.java

Saved



```
8  import java.lang.Math;
9  public class Main
10 {
11     public static void main(String[] args)
12     {
13         System.out.println("Name:G.vyshnavi,Sap id:51834743");
14         char ch=' ';
15         for(int i=4;i>=1;i--)
16         {
17             int k=(int)Math.pow(2,i-1);
18             if(i==4)
19                 ch='*';
20             else if(i==3)
21                 ch='&';
22             else if(i==2)
23                 ch='%';
24             for(int j=i;j<=4;j++)
25             {
26                 System.out.print(" ");
27             }
28             for(int j=1;j<=k+2;j++)
29             {
30                 if(j==1 || j==k+2 && i!=1)
31                 {
32                     System.out.print("#");
33                 }
34                 else if(i!=1)
35                 {
36                     System.out.print(ch);
37                 }
38             }
39             System.out.println();
40         }
41     }
42 }
43 }
```

: Try Dcoder's keyboard





Terminal



Name:G.vyshnavi,Sap id:51834743

#*****#

#&&&&#

#%%#

#

Process finished.



count words.java

Saved



```
1 import java.util.Scanner;
2 public class CountWords
3 {
4     public static void main(String[] args)
5     {
6         System.out.println("Name:G.vyshnavi,SAP ID:51834743");
7         Scanner sc=new Scanner(System.in);
8         System.out.println("Enter Input : ");
9         String sentence = sc.nextLine();
10         int wordCount = 0;
11
12         for(int i = 0; i < sentence.length()-1; i++) {
13             //Counts all the spaces present in the string
14             //It doesn't include the first space as it won't be considered as a word
15             Character.isLetter(sentence.charAt(i+1)) && (i > 0)) {
```

Try Dcoder's keyboard





count words.java

Saved



```
13 //Counts all the spaces present in the string
14 //It doesn't include the first space as it won't be considered as a word
15 if(sentence.charAt(i) == ' ' && Character.isLetter(sentence.charAt(i+1)) && (i > 0)) {
16     wordCount++;
17 }
18 }
19 //To count the last word present in the string, increment wordCount by 1
20 wordCount++;
21
22 //Displays the total number of words present in the given string
23 System.out.println("Output : " + wordCount);
24 }
25 }
```

Try Dcoder's keyboard





Name:G.vyshnavi,SAP ID:51834743

Enter Input :

hi hello how are you

Output : 5

Process finished.