```
package ap_5;
public class BubbleSort {
           public static void main(String[] args){
            int[] arr= {42,12,6,18,56};
            bubbleSort(arr);
            for(int i=0;i<arr.length;i++){</pre>
              System.out.println(arr[i]);
              }
           }
           public static void bubbleSort(int[] arr){
              int len = arr.length;
              int temp = 0;
              for(int i=0;i<len;i++){</pre>
                 for (int j=1;j<(len);j++){
                   if(arr[j-1]>arr[j]){
                   temp = arr[j-1];
                   arr[j-1]= arr[j];
                   arr[j]= temp;
                   }
                }
              }
           }
        }
```

```
Console X

<a href="text-align: left;">terminated > BubbleSort [Java Application] C:\Users\Meljo\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.56
12
18
42
56
Activate \ Go to Setting
```