



**Java**

# Problem Series

# Java Program

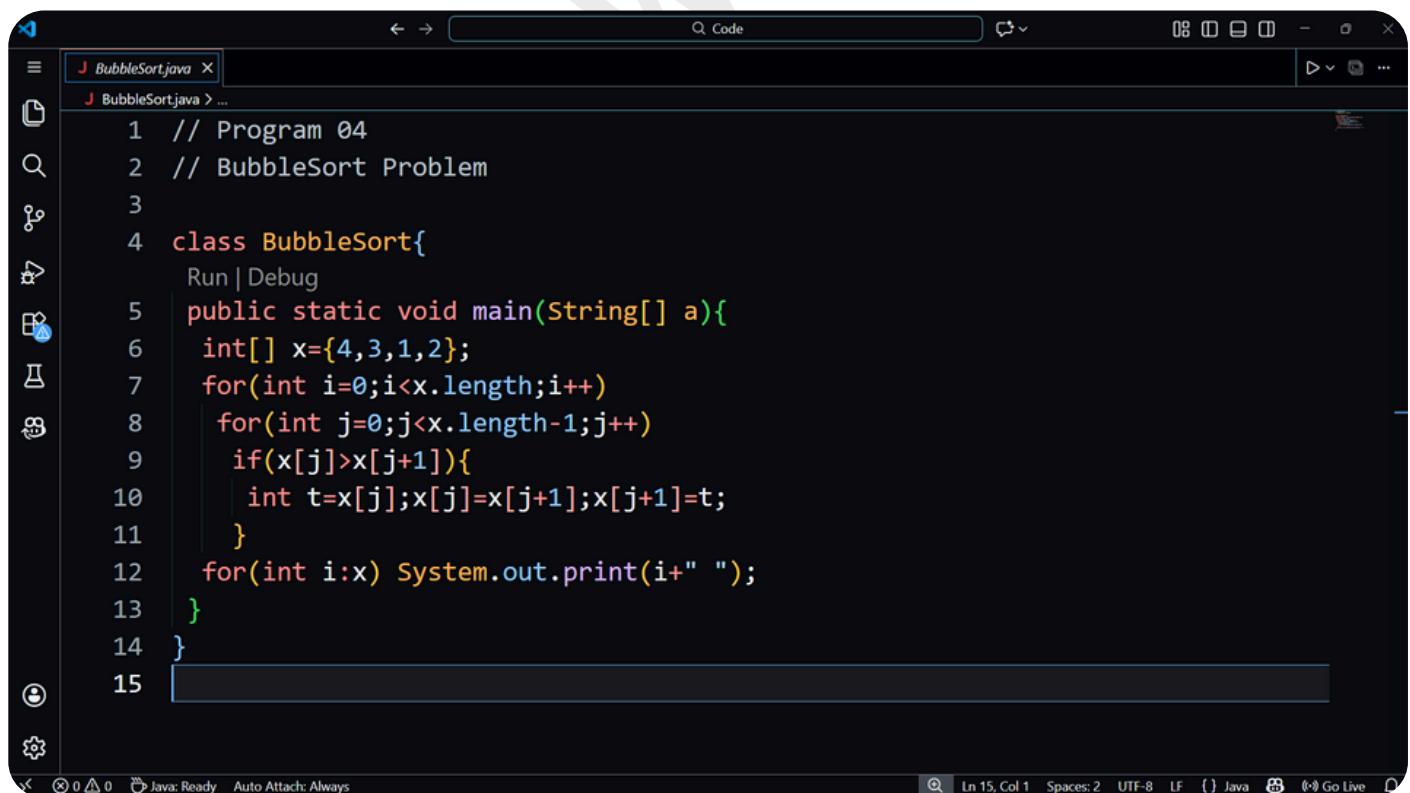
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## Problem Series

### 4. BubbleSort Problem

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#### Code



A screenshot of a Java code editor showing a file named `BubbleSort.java`. The code implements the bubble sort algorithm to print the elements of an array. The code is as follows:

```
1 // Program 04
2 // BubbleSort Problem
3
4 class BubbleSort{
    Run | Debug
5     public static void main(String[] a){
6         int[] x={4,3,1,2};
7         for(int i=0;i<x.length;i++)
8             for(int j=0;j<x.length-1;j++)
9                 if(x[j]>x[j+1]){
10                     int t=x[j];x[j]=x[j+1];x[j+1]=t;
11                 }
12         for(int i:x) System.out.print(i+" ");
13     }
14 }
15 
```

The code editor interface includes toolbars, a search bar, and status bars at the bottom indicating Java is ready and showing line 15, column 1.

# Output

```
C:\Windows\System32\cmd.e + ^

D:\system\Java Problem>javac BubbleSort.java

D:\system\Java Problem>java BubbleSort
1 2 3 4
D:\system\Java Problem>
```

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**Thank you !**

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