

# Online C++ 14 Compiler IDE

Project Name: NP-Bubble01

```
1  #include<iostream>
2  using namespace std;
3  int main ()
4  {
5      int i, j,temp,pass=0;
6      int a[10] = {10,2,0,14,43,25,18,1,5,45};
7      cout <<"Input list ...\n";
8      for(i = 0; i<10; i++) {
9          cout <<a[i]<<"\t";
10     }
11     cout<<endl;
12     for(i = 0; i<10; i++) {
13         for(j = i+1; j<10; j++)
14         {
15             if(a[j] < a[i]) {
16                 temp = a[i];
17                 a[i] = a[j];
18                 a[j] = temp;
19             }
20         }
21         pass++;
22     }
23     cout <<"Sorted Element List ...\n";
24     for(i = 0; i<10; i++) {
25         cout <<a[i]<<"\t";
26     }
27     cout<<"\nNumber of passes taken to sort the list:"<<pass<<endl;
28     return 0;
29 }
30
```

Execute Mode, Version, Inputs & Arguments

CommandLine Arguments

Stdin Inputs

## Result

**CPU Time: 0.00 sec(s), Memory: 3420 kilobyte(s)**

**compiled and executed in 1.079 sec(s)**

```
Input list ...
10 2 0 14 43 25 18 1 5 45
Sorted Element List ...
0 1 2 5 10 14 18 25 43 45
Number of passes taken to sort the list:10
```

Note: Please check [our documentation](#), or [Youtube channel](#). for more details

### Know Your JDoodle

- JDoodle supports 76+ languages with multiple versions - [see all](#).
- With [JDoodle APIs](#), you can execute programs just by making a REST call.
- With [JDoodle Plugins](#), you can embed an IDE to your website with just 3 lines of code.
- You can embed the code saved in JDoodle directly into your website/blog - [learn more](#).
- If you like JDoodle, [please share your love with your friends](#).
- Fullscreen - side-by-side code and output is available. click the "🔊" icon near execute button to switch.

### JDoodle For Your Organisation

- Do you have any specific compiler requirements?
- Do you want to integrate compilers with your website, webapp, mobile app, courses?
- Are you looking more features in [JDoodle Plugin](#) and [JDoodle API](#) ?
- Looking for Multiple Files, Connecting to DB, Debugging, etc.?
- Are you building any innovative solution for your students or recruitment?
- Want to run JDoodle in-house?
- Custom Domain, White-labelled pages for your institute?

- Dark Theme available. Click on "•••" icon near execute button and select dark theme.

- Check our [Documentation Page](#) for more info.

JDoodle is serving the programming community since 2013

Contact us at [hello@jdoodle.com](mailto:hello@jdoodle.com)

Thanks for using our  
**Online C++ 14 Compiler IDE**  
to execute your program

