

Activity No. <4.1>	
<Arrays >	
Course Code: CPE-007	Program: Computer Engineering
Course Title: Arrays	Date Performed: 9/9/25
Section: CPE11S1	Date Submitted: 9/9/25
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6. Output	

C:\Users\TIPQC\Documents\Untitled1.cpp - Dev-C++ 5.10

File Edit Search View Project Execute Tools AStyle Window Help TDM-GCC 4.8.1 64-bit Release

(globals)

Classes Debug Untitled1.cpp

```
1 #include <iostream>
2 using namespace std;
3
4
5 main () {
6     int scores[10] = {90,85,78,88,92,80,75,80,89,91};
7
8     //print the element at 4th index
9     cout<<scores[4]<<endl;
10
11    //change the value of first element to 95
12    scores[0]= 95;
13    cout<<"new value of the scores[0]: "<<scores[0]<<endl;
14
15
16
17 for(int i = 0; i < 10; i++) {
18     cout<<scores[i]<< " ";
19 }
20
21 int var1 = 95;
22 int var2 = 91;
23
24 int temp; var1;// to hold a value
25 var1 = var2; // swap value of var1 to var2
26 var2 = temp; // assign the value stored in the temp
27
28 temp = scores[0];
29 scores[0] = scores[9];
30 scores[9] = temp;
31
32 // Bubble Sort
33
34 int temp1, n=10, j;
35 for (int i = 0; i < n - 1; i++) {
36     for (int j = 0; j < n - i - 1; j++){
37         if (scores[j] > scores[j + 1]) {
38             //swap scores[j] and scores[j+1]
39             temp1 = scores[j];
40             scores[j] = scores[j+1];
41             scores[j+1] = temp1;
42         }
43     }
44 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\TIPQC\Documents\Untitled1.exe
- Output Size: 1.76801776885986 MiB
- Compilation Time: 0.39s

Line: 34 Col: 19 Sel: 0 Lines: 60 Length: 1163 Insert Done parsing in 0 seconds

31°C Partly sunny

Search

7. Supplementary Activity

8. Conclusion: I Learn to the basic components of a c++ and want to enhance more in this new programming technique and I want enhance more on this bubble sorting thing and encourage more on this thing.

9. Assessment Rubric