

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	

(globals)

Classes Debug

Untitled1.cpp

```
1  #include <iostream>
2  using namespace std;
3
4
5  main () {
6
7      int scores[10] = {90,85,78,88,92,80,75,80,89,91};
8
9      //print the element at 4th index
10     cout<<scores[4]<<endl;
11
12     //change the value of first element to 95
13     scores[0]= 95;
14     cout<<"new value of the scores[0]: "<<scores[0]<<endl;
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];
```

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

9 31°C

Partly sunny

Search

7. Supplementary Activity
8. Conclusion: I Learn to the basic components of a c++ and want to enchance more in this new programming technique and I want enchance more on this bubble sorting thing and encourage more on this thing.
9. Assessment Rubric