CSCI110 Test 4 (Chapter 7)

(12/3/2021)

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Your Answer Here Please submit this form (docx) when you finish

1. \_\_\_\_\_\_\_A

2. \_\_\_\_\_\_\_B

3. \_\_\_\_\_\_\_A

4. \_\_\_\_\_\_\_B

5. \_\_\_\_\_\_\_A

6. \_\_\_\_\_\_\_C

7. \_\_\_\_\_\_\_B

8. \_\_\_\_\_\_\_C

9. \_\_\_\_\_\_\_C

10. \_\_\_\_\_\_\_A

11. \_\_\_\_\_\_\_A

12. \_\_\_\_\_\_\_C

13. \_\_\_\_\_\_\_C

14. \_\_\_\_\_\_\_B

15. \_\_\_\_\_\_\_B

16. \_\_\_\_\_\_\_B

17. \_\_\_\_\_\_\_C

18. \_\_\_\_\_\_\_B

19. \_\_\_\_\_\_\_C

20. \_\_\_\_\_\_\_D

// ConsoleApplication1.cpp : Defines the entry point for the console application.

//

#include "stdafx.h"

#include <iostream>

#include <cmath>

#include <string>

#include <cstdlib>

#include <iomanip>

#include <math.h>

#include <algorithm>

using namespace std;

double\* maximum(double\* a, int size)

{

if (size <= 0)

{

return NULL;

}

double \*max = a;

double \*start = a;

double \*end = a + (size - 1);

while (\*start < \*end)

{

if (\*start > \*max)

{

max = start;

start++;

}

}

return max;

}

int main()

{

double a[10];

int size = sizeof(a)/sizeof(double);

cout << "Please enter the 10 elements of the array: \n" << endl;

for (int i = 0; i < size; i++)

{

cin >> a[i];

}

cout << "The original array is : \n" << endl;

for (int i = 0; i < size; i++)

{

cout << a[i] << endl;

}

cout << "The maximum value in the array is : " << \*maximum(a, size);

system("pause");

return 0;

}

Test Case:

