M3: Quiz

Due Mar 31 at 9:59pm   **Points** 30   **Questions** 15   **Time Limit** 20 Minutes
Allowed Attempts 2

Instructions

This Quiz only covers Chapter 7 in your textbook: Arrays and Lists. Good luck!

<div style="text-align:center">

Take the Quiz Again

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Attempt History

	Attempt	Time	Score
LATEST	**Attempt 1**	14 minutes	26 out of 30

> ⊘ Correct answers are hidden.

Score for this attempt: **26** out of 30
Submitted Mar 31 at 7:09pm
This attempt took 14 minutes.

Question 1	**2 / 2 pts**

List objects, like arrays, are always passed to methods _____.

- ○ by value

- ○ in memory

- ⦿ by reference

- ○ globally

Question 2   2 / 2 pts

The _____ creates an object in memory and returns a reference to that object.

○ .NET Framework

◉ new operator

○ = operator

○ % operator

Question 3   2 / 2 pts

An array's_____ indicates the number of values that the array should be able to hold.

○ reference variable

◉ size declarator

○ element

○ subscript

Question 4   2 / 2 pts

When you create an array, you can optionally initialize it with a collection of values called a(n) _____.

◉ initialization list

○ default group

○ element assembly

○ starting run

Question 5   2 / 2 pts

Which one of the following statements correctly creates a List object named friendsList that holds strings?

○ string friendsList = new List<string>;

○ <List> friendsList(string);

○ List<string> friendsList = new List<string>;

◉ List<string> friendsList = new List<string>();

Question 6   2 / 2 pts

A(n) _____ is similar to a two-dimensional array, but the rows can have a different number of columns.

○ offset array

○ skewed array

◉ jagged array

○ differential array

Question 7

2 / 2 pts

C# provides a special loop known as the _____, that automatically iterates once for each element in the array.

- ○ do-while loop
- ◉ foreach loop
- ○ for loop
- ○ while loop

Question 8

2 / 2 pts

Each element in an array is identified by a unique number known as a(n) _____.

- ◉ subscript
- ○ identifier
- ○ delimiter
- ○ vector

Incorrect

Question 9

0 / 2 pts

Which one of the following statements is *not* a valid array declaration?

- ○ double[] parsecs = new double[10];

○ decimal[] sales = new decimal[24.5m];

◉ string[] cities = new decimal[50];

○ int[] quarters = new int[4];

Question 10

2 / 2 pts

A(n) _____ is similar to an array, but it can expand at runtime.

◉ List object

○ sequential object

○ Random object

○ jagged array

Question 11

2 / 2 pts

You can use the _____ to take out an item at a specific index in a List.

○ Delete method

◉ RemoveAt method

○ DeleteAt method

○ EraseAt method

Incorrect

Question 12

0 / 2 pts

Because arrays are always passed _____, a method that receives an array as an argument has access to the actual array.

○ by value

○ globally

○ in memory

○ by reference

Question 13

2 / 2 pts

Of the following statements, which one correctly initializes an int array named quarters with the values 1, 2, 3, and 4?

○ const int SIZE = 4;
   int[] quarters = new int[SIZE] { 1, 2, 3, 4 };

○ int[] quarters = new int[] { 1, 2, 3, 4 };

○ int[] quarters = { 1, 2, 3, 4 };

● All of these statements are correct.

Question 14

2 / 2 pts

To add items to an existing List object, use the _____.

○ += operator

○ & operator

○ Insert property

◉ Add method

Question 15   **2 / 2 pts**

A(n) _____ is an object that can hold a group of values that must all
be the same data type.

○ matrix

○ Collection

◉ array

○ container

Quiz Score: **26** out of 30