Visual Basic
Ch 5 Practice Test

Name –

Period –

Part I True/False - Circle the numbers of the exercises that are false.

1. The `MessageBox.Show` method returns a value based on which button on the InputBox was clicked.
2. It is possible to change the background color of an input box with techniques learned in our VB class.
3. A two-dimensional array can be initialized with specified values in its declaration statement.
4. If the `Interval` property of a `Timer` object is set to the value 1000, the enabled Timer will execute every second.
5. OK and Cancel buttons appear in a message box if `MessageBoxButtons.OkCancel` is used as the first parameter of the `MessageBox.Show` method.
6. The `ReadLine` method is used to store data in a text file.

Part II Write the Code

1. Write a statement that calls a method named `DrawMaze` and passes no parameters.

2. Write a statement that hides the form named `frmMain`

3. Write a statement that stores the number of seconds that have elapsed since midnight into the variable `mintBegin`.

4. Write a statement that turns on a `Timer` object named `tmrMissile`.

5. Write a statement that declares a `StreamWriter` object named `outputFile`.

6. Write a statement that calls a function named `dblAdd` and assigns the value returned by the function to a variable named `dblResult`. Pass two parameters named `dblOperand1` and `dblOperand2`.

7. Write a statement that assigns the string value entered into an input box to the variable `strName`. The prompt message "Enter your name" should appear inside the input box and the title of the input box should be "Question". Also, the word "anonymous" should appear as the default value inside the input box's text box.

8. Write a statement that plays a sound clip named *bang.wav*. You can assume that the necessary "`Private Declare...`" function declaration statement has already been typed. You can also assume that the audio file is located in your project's base directory.

9. Write a statement that closes a `StreamReader` named `inputFile`.

10. Write a statement that assigns the string "Visual Basic" to the element in the third column and fourth row of a two-dimensional array of strings named `strExamAnswers`.

11. Write double-nested `For` loops that compute the sum of all the elements in two-dimensional array named `mintScores` and stores that sum in variable named `intSum`. You can assume that mintScores is already declared with 4 columns and 3 rows and that it contains integer values. Use the loop variables `intRow` and `intCol`.

12. Write a function named `dblComputePrice` that accepts two parameters, `dblBasePrice` and `dblTaxRate`. The method must calculate and return the total price of an item that has a base price of `dblBasePrice` and is taxed with a tax rate of `dblTaxRate`. For example, if the `dblBasePrice` is 10 and `dblTaxRate` is 0.06 then the value 10.6 is returned.

13. Write a function named `stringLength` that accepts a `String` parameter named `strWord` and returns the length of that string.