Visual Basic

Name –

Ch. 4 Strings, While loops, and Arrays Practice Test

Period –

Short Answer - Write code segments to perform the following tasks. Documentation is not necessary. It also **is not necessary** to declare variables that are mentioned in the exercise unless the exercise specifically requires you to declare variables.

1. Write a statement that declares an array of named `intScores` that has a length of 15.

2. Write a statement that assigns the value 50 to the third position of the array `intScores`.

3. Write a statement displays the first 3 letters of the string variable `strName` in a label named `lblName`. You can assume that `strName` has more than 3 letters.

4. Write a statement that displays the variable `strName` in a message box with all of the leading and trailing spaces removed.

5. Write a loop with a nested `If` statement that displays a message box with the message "Found" if the value 33 is stored in the array `intScores`. The message box should only be displayed one time. If there are multiple occurrences of 33 in the array, the message box should not display more than once. Assume that `intScores` has 10 elements starting with subscript position 0.

6. Write a sequential search to find and display the smallest value in an array named `intScores` in a message box. The array has 10 elements and has already been initialized with positive numbers.

7. Write a loop with an `If` statement in its body that counts the number of uppercase and lowercase p's in the string variable `strWord` and stores that sum in the variable `intCount`.

8. Write a code segment that uses a `While` loop that displays a message box with the message "annoying" exactly ten times. Do NOT use a `For` loop.