Visual Basic   Name -
Strings Worksheet #1   Period -

1. How is a string variable different from an `Integer` variable?

2. Write a declaration statement that declares a string variable named `name` and initializes it to `"Minich"`.

3. What symbol is used in Visual Basic as a string delimiter?

4. What is the difference between a string that has leading space versus a string that does not have leading space?

5. Write an assignment statement that assigns the value `"Wyomissing"` to a string variable named `school`.

6. Write an assignment statement that clears out a string variable named `school` by assigning the null string to it.

7. What is string concatenation?

8. Write a single assignment statement that joins the string `"Mr."` to the string `"Minich"` and stores them into the variable named `teacher`.

9. What method is used to automatically compute the number of characters in a string variable?

10. Write a statement that shows the length of the value stored in the string variable `name` in a message box.

11. Write one or more statements that to illustrate how the `ToString` method can be used to turn the number stored in `num` into a string value and store that value in a string variable named `zipCode`.

12. What method is the opposite of `ToString` in that it turns strings into numbers?

13. What is the Unicode value (aka ASCII value) of the character `'A'` ?

14. What is the Unicode value (aka ASCII value) of the character `'a'` ?

15. Circle the string that is considered to be less than the other

`"apple"`   `"banana"`   `"apple"`   `"apples"`

`"apple"`   `"Zebra"`   `"a"`   `"apple"`

16. Explain a theory why the entry `"  Mom"` would occur higher than the entry `"Dad"` in your cellphone's contact list even though the letter M is after the letter D in the alphabet.

17. What method is used to remove leading and trailing space from a string variable?

18. What is displayed by the statement `MessageBox.Show(strName.Substring(0, 3))` if the variable `strName` stores `"Obama"` ?

19. What is displayed by the statement `MessageBox.Show(strName.Substring(5))` if the variable `strName` stores `"Washington"` ?

20. What is displayed by the statement `MessageBox.Show(strName.IndexOf("a"))` if the variable `strName` stores `"Obama"`?

21. What is displayed by the statement `MessageBox.Show(strName.IndexOf("shin"))` if `strName` stores `"Washington"` ?

22. What is displayed by the statement `MessageBox.Show(strName.IndexOf("a"))` if the variable `strName` stores `"Wilson"` ?