

Test 05 — Arrays

C# Programming

This is a timed test. You have one hour to complete the test. When you finish the test, email me your `Program.cs` file as a text document, and let me know that you have finished. I will ask you to run your program so that I can see that it compiles and runs.

Write a program that hard codes a string variable of your choice. I used “I think, therefore I am.” Break the string into a series of words, a “word” being defined as any series of one or more characters separated by a space, the beginning of the string, or the end of the string. My string has five “words.” Put the words into a string array, and then print all the words in reverse order.

You will need `String.Split()`, a method of class `String`. Read the documentation of the `Split()` method before you write your program.

Here is the expected output.

```
This is test 05
The test string is [I think, therefore I am].
length of string array is 5
4 am
3 I
2 therefore
1 think,
0 I
Press any key to continue . . .
```