



1200 XP

# Modify the content of strings using built-in string data type methods in C#

1 hr 15 min • Module 8 Units

Beginner

Developer

Higher Education Educator

K-12 Educator

Student

.NET

Visual Studio Code

Use built in methods to extract, remove, or replace data in strings.

## Learning objectives

- Identify the position of a character or string inside of another string.
- Extract portions of strings.
- Remove portions of strings.
- Replace values in strings with different values.

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## Prerequisites

- Beginner level experience with `string` helper methods
- Beginner level experience with the `while` iteration statement
- Experience using Visual Studio Code to develop, build, and run C# code

## This module is part of these learning paths

[Work with variable data in C# console applications \(Get started with C#, Part 4\)](#)

### Introduction

2 min

### Exercise - Use the string's `IndexOf()` and `Substring()` helper methods

25 min

### Exercise - Use the string's IndexOfAny() and LastIndexOf() helper methods

25 min

### Exercise - Use the Remove() and Replace() methods

8 min

### Exercise: Complete a challenge to extract, replace, and remove data from an input string

10 min

### Review the solution to extract, replace, and remove data from an input string

1 min

### Knowledge check

2 min

### Summary

2 min