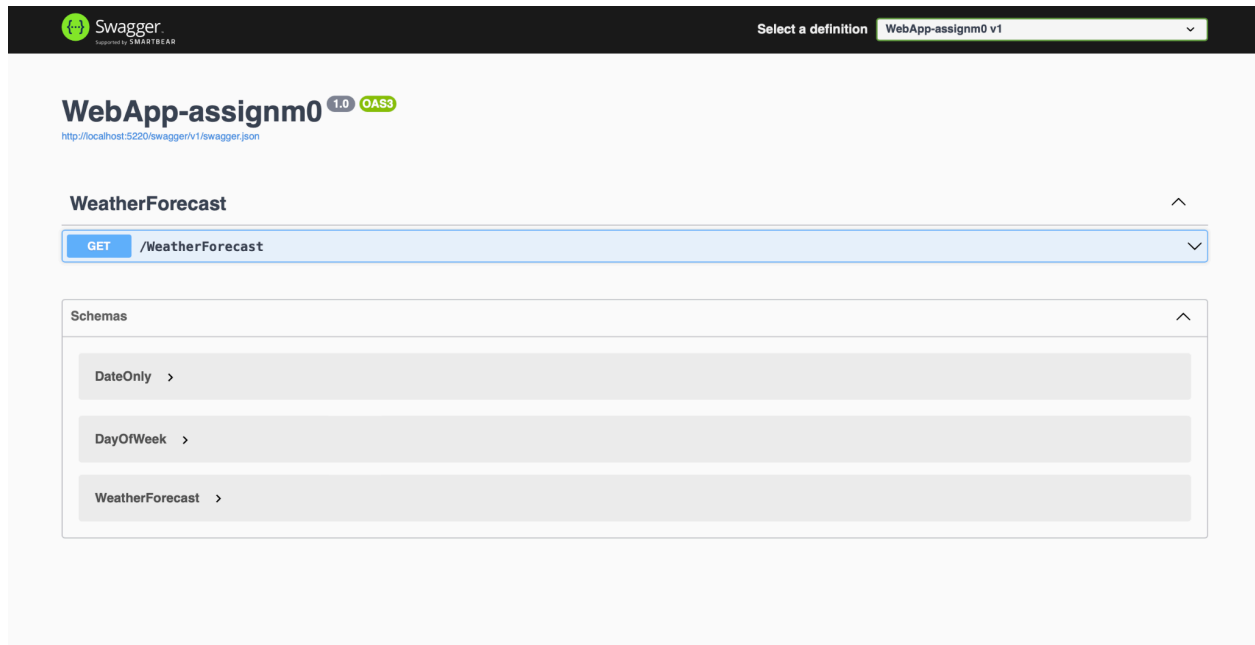
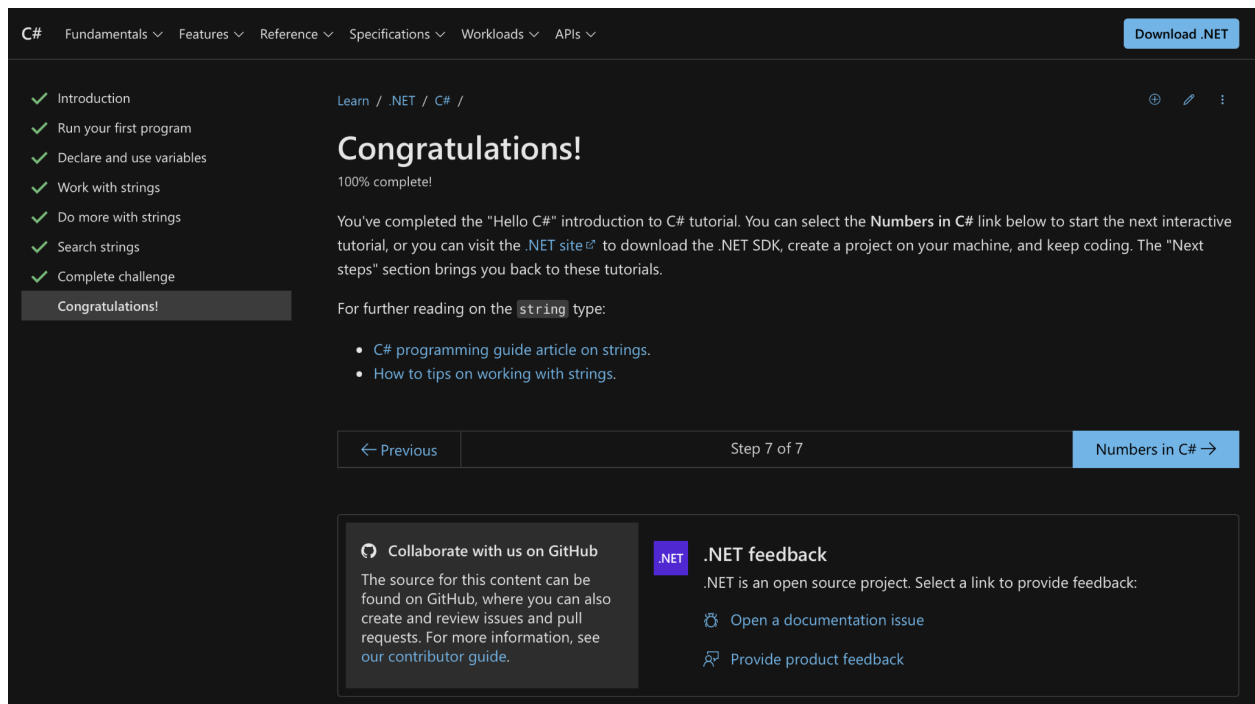


## Task 1: Create a .NET Core WebAPI project



## Task 2: Complete Hello World tutorial



## Task 3: Complete Numbers in C#

C#

Fundamentals ▾

Features ▾

Reference ▾

Specifications ▾

Workloads ▾

APIs ▾

Download .NET

✓ Introduction

✓ Explore integer math

✓ Explore order of operations

✓ Explore integer precision and limits

✓ Work with the double type

✓ Work with decimal types

✓ Complete challenge

Congratulations!

Learn / .NET / C# /

# Congratulations!

100% complete!

You've completed the "Numbers in C#" interactive tutorial. You can select the **Branches and Loops** link below to start the next interactive tutorial, or you can visit the [.NET site](#) to download the .NET SDK, create a project on your machine, and keep coding. The "Next steps" section brings you back to these tutorials.

You can learn more about numbers in C# in the following articles:

- [Integral numeric types](#)
- [Floating-point numeric types](#)
- [Built-in numeric conversions](#)

← Previous

Step 7 of 7

Branches and loops in C# →

Collaborate with us on GitHub

The source for this content can be found on GitHub, where you can also create and review issues and pull requests. For more information, see our contributor guide.

.NET

**.NET feedback**

.NET is an open source project. Select a link to provide feedback:

[Open a documentation issue](#)

[Provide product feedback](#)

## Task 4: Use git to clone a project from course site

EXPLORER

C#

.vscode

DataTypes

WebApp-assignm0

WebApp-assignm0.sln

C# Program.cs

WebApp-assignm0 > C# Program.cs

1 var builder = WebApplication.CreateBuilder(args);

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

(base) Genevieve@MacBook-Pro C# % dotnet run

Couldn't find a project to run. Ensure a project exists in /Users/Genevieve/Desktop/Web-Dev-Humber/Back-End-Web-Development-1-HTTP-5125-RNA/week1/C#, or pass the path to the project using --project.

• (base) Genevieve@MacBook-Pro C# % cd WebApp-assignm0

• (base) Genevieve@MacBook-Pro WebApp-assignm0 % dotnet run

Building...

info: Microsoft.Hosting.Lifetime[14]

Now listening on: http://localhost:5220

info: Microsoft.Hosting.Lifetime[0]

Application started. Press Ctrl+C to shut down.

info: Microsoft.Hosting.Lifetime[0]

Hosting environment: Development

info: Microsoft.Hosting.Lifetime[0]

Content root path: /Users/Genevieve/Desktop/Web-Dev-Humber/Back-End-Web-Development-1-HTTP-5125-RNA/week1/C#/WebApp-assignm0

warn: Microsoft.AspNetCore.HttpsPolicy.HttpsRedirectionMiddleware[3]

Failed to determine the https port for redirect.

^Cinfo: Microsoft.Hosting.Lifetime[0]

Application is shutting down...

• (base) Genevieve@MacBook-Pro WebApp-assignm0 % git clone https://github.com/christinebittle/DataTypes.git

Cloning into 'DataTypes'...

remote: Enumerating objects: 22, done.

remote: Counting objects: 100% (22/22), done.

remote: Compressing objects: 100% (19/19), done.

remote: Total 22 (delta 3), reused 18 (delta 2), pack-reused 0 (from 0)

Receiving objects: 100% (22/22), 8.57 KiB | 731.00 KiB/s, done.

Resolving deltas: 100% (3/3), done.

• (base) Genevieve@MacBook-Pro WebApp-assignm0 % cd ..

• (base) Genevieve@MacBook-Pro C# % git clone https://github.com/christinebittle/DataTypes.git

Cloning into 'DataTypes'...

remote: Enumerating objects: 22, done.

remote: Counting objects: 100% (22/22), done.

remote: Compressing objects: 100% (19/19), done.

remote: Total 22 (delta 3), reused 18 (delta 2), pack-reused 0 (from 0)

Receiving objects: 100% (22/22), 8.57 KiB | 2.86 MiB/s, done.

Resolving deltas: 100% (3/3), done.

o (base) Genevieve@MacBook-Pro C# %

> OUTLINE

> TIMELINE

> SOLUTION EXPLORER

master

Projects: WebApp-assignm0

Debug Any CPU

AWS

Spaces: 4

UTF-8

CRLF

C#

Go Live