

```
public class HelloWorld                                #include<iostream>
{                                                       using std::cout;
    public static void main(String args[])             using std::endl;
    {
        System.out.println("Hello World!");           #include<stdio.h>
    }                                                    void main()
}                                                         { cout<<"Hello World!"<<endl;
DSEG SEGMENT                                            return 0;
STR DB "Hello World!$"                                printf("Hello World!");
DSEG ENDS
CSEG SEGMENT
ASSUME DS:DSEG,CSEG
START: MOV AX,DSEG
MOV DS,AX
MOV DX,OFFSET STR
MOV AH,09H
INT 21H
MOV AH,4CH
INT 21H
CSEG ENDS
END START
```

Hello World!

```
using System.Collections.Generic;
using System.Linq;
using System.Text;

namespace hello
{
    class Program
    {
        static void Main(string[] arg
        {
            Console.WriteLine("Hello V
        }
    }
}
```

.NET Core 的 Hello World 之旅

3 Visual Studio 登场

北京理工大学计算机学院
金旭亮

What would you like to do?

Open recent

As you use Visual Studio, any projects, folders, or files that you open will show up here for quick access.

You can pin anything that you open frequently so that it's always at the top of the list.

Get started

Get code from an online repository like GitHub or Azure DevOps



Open a project or solution

Open a local Visual Studio project or .sln file



Open a local folder

Navigate and edit code within any folder












Create a new project

Choose a project template with code scaffolding to get started

在这里直接输入模板名字是
最快捷的搜索方式

Create a new project

Recent project templates

-  Blank App (Universal Windows) C#
-  Windows Forms App (.NET Framework) C#
-  WPF App (.NET Core) C#
-  Windows Template Studio (Universal Windows) C#
-  Console App (.NET Core) C#
-  Windows Forms App (.NET Core) C#
-  Shared Project C#
-  Class Library (.NET Standard) C#
-  ASP.NET Core Web Application C#

Console

Language ▾

Platform ▾

Project type ▾

Filtering by: C#, Console, Windows



Console App (.NET Core)

A project for creating a command-line application that can run on .NET Core on Windows, Linux and MacOS.

C#

Linux

macOS

Windows

Console



Console App (.NET Framework)

A project for creating a command-line application

C#

Windows

Console

Not finding what you're looking for?

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Back

Next

Configure your new project


Console App (.NET Core) C# Linux macOS Windows Console

Project name

myApp

Location

C:\Users\JinXuLiang\source\repos

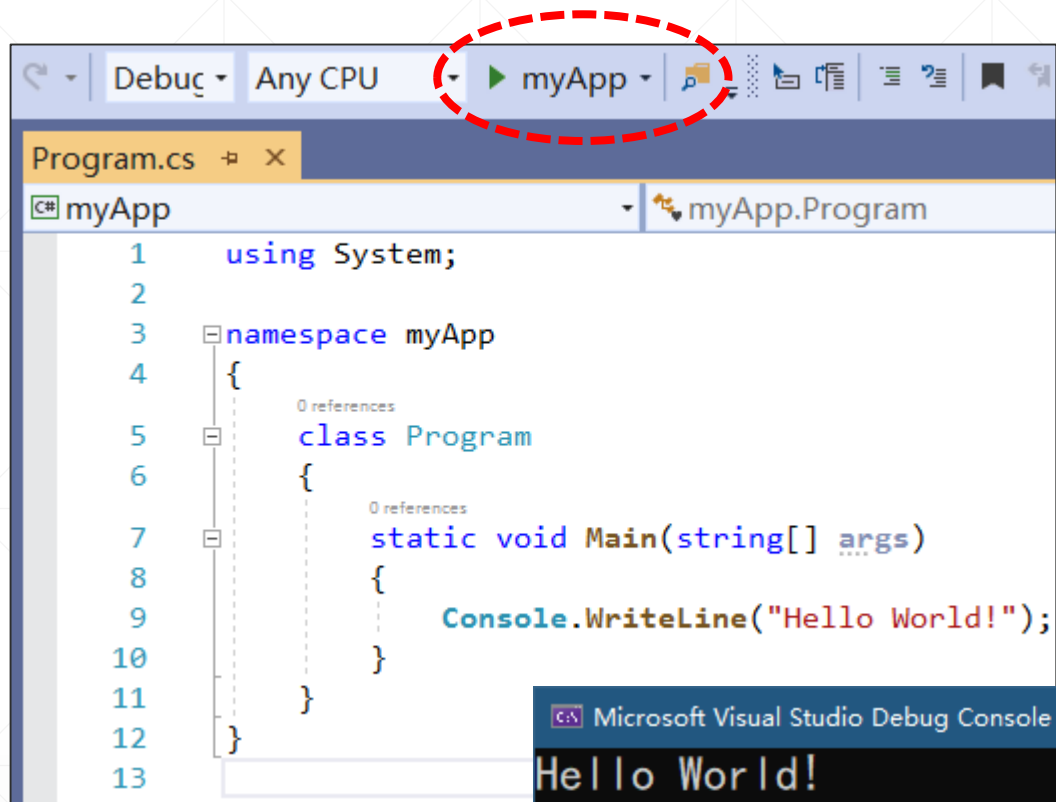
Solution name 

myApp

☐ Place solution and project in the same directory

Back

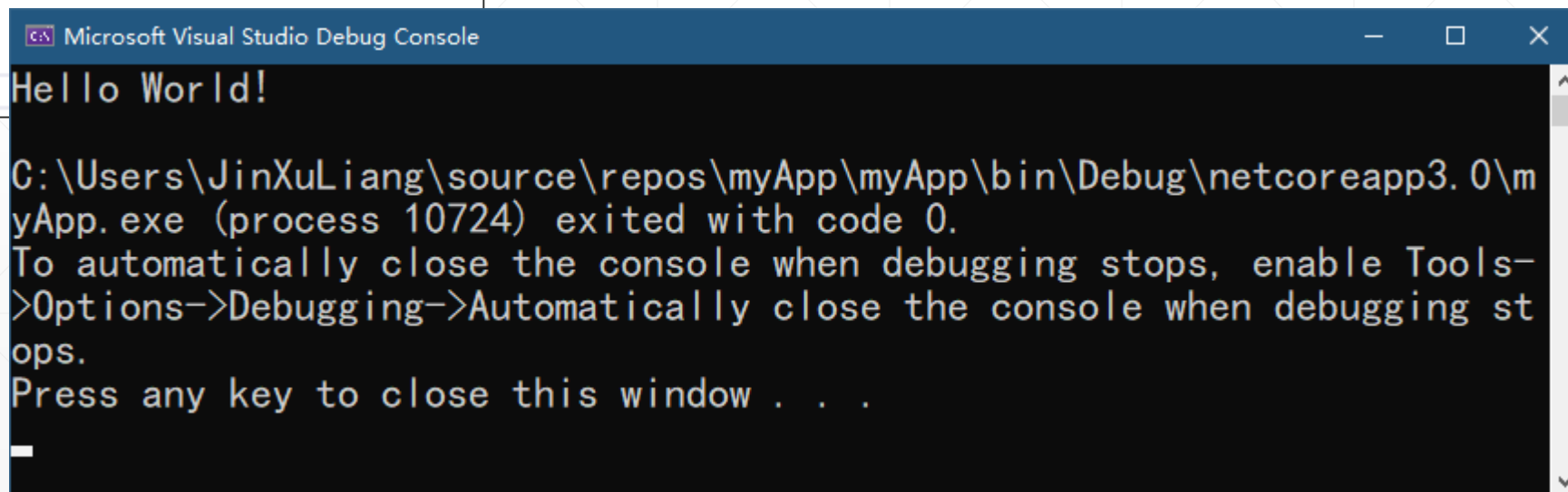
Create



```
1  using System;
2
3  namespace myApp
4  {
5      class Program
6      {
7          static void Main(string[] args)
8          {
9              Console.WriteLine("Hello World!");
10         }
11     }
12 }
13
```

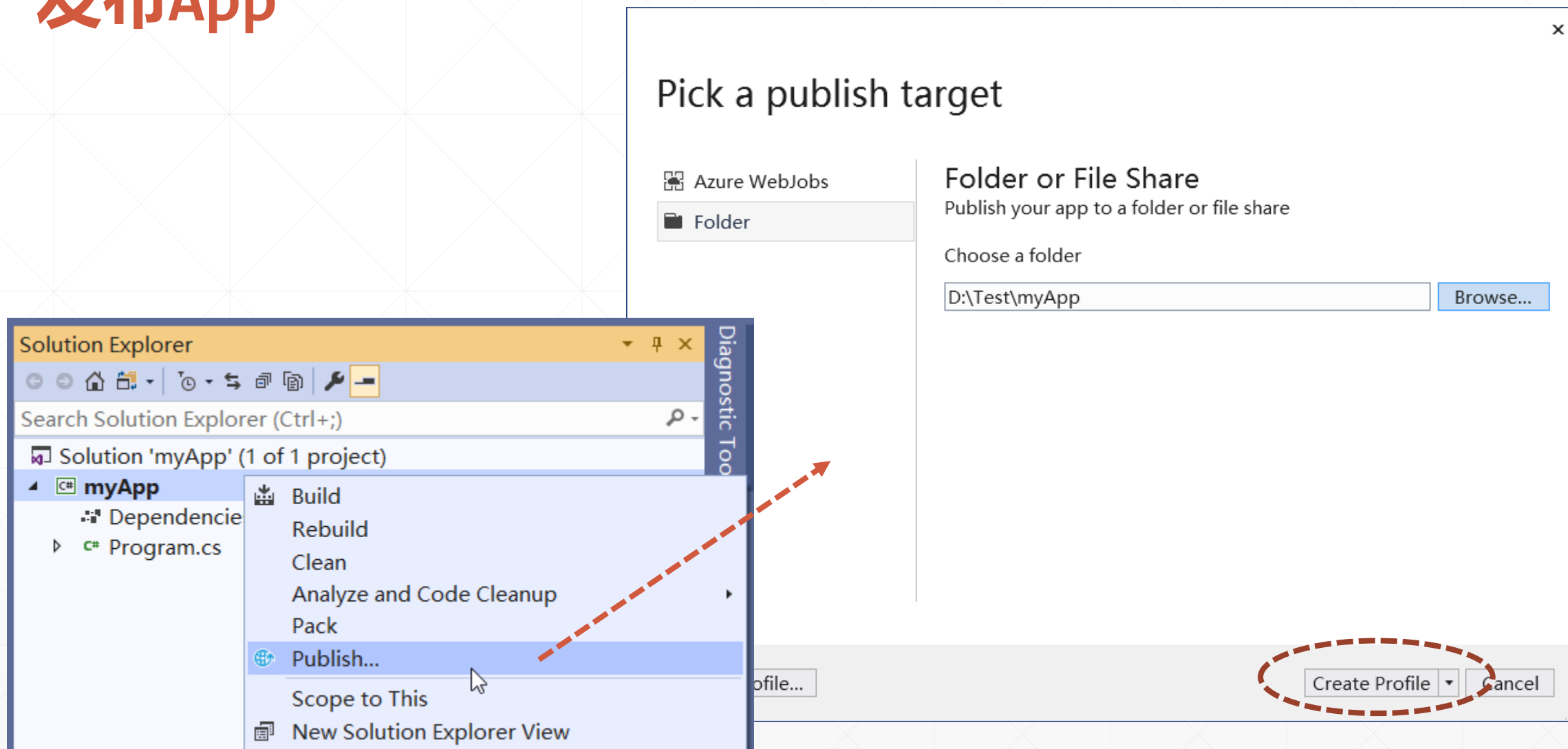
Visual Studio自动创建好项目文件夹，生成相关文件，并且自动打开Program.cs文件以供编辑。

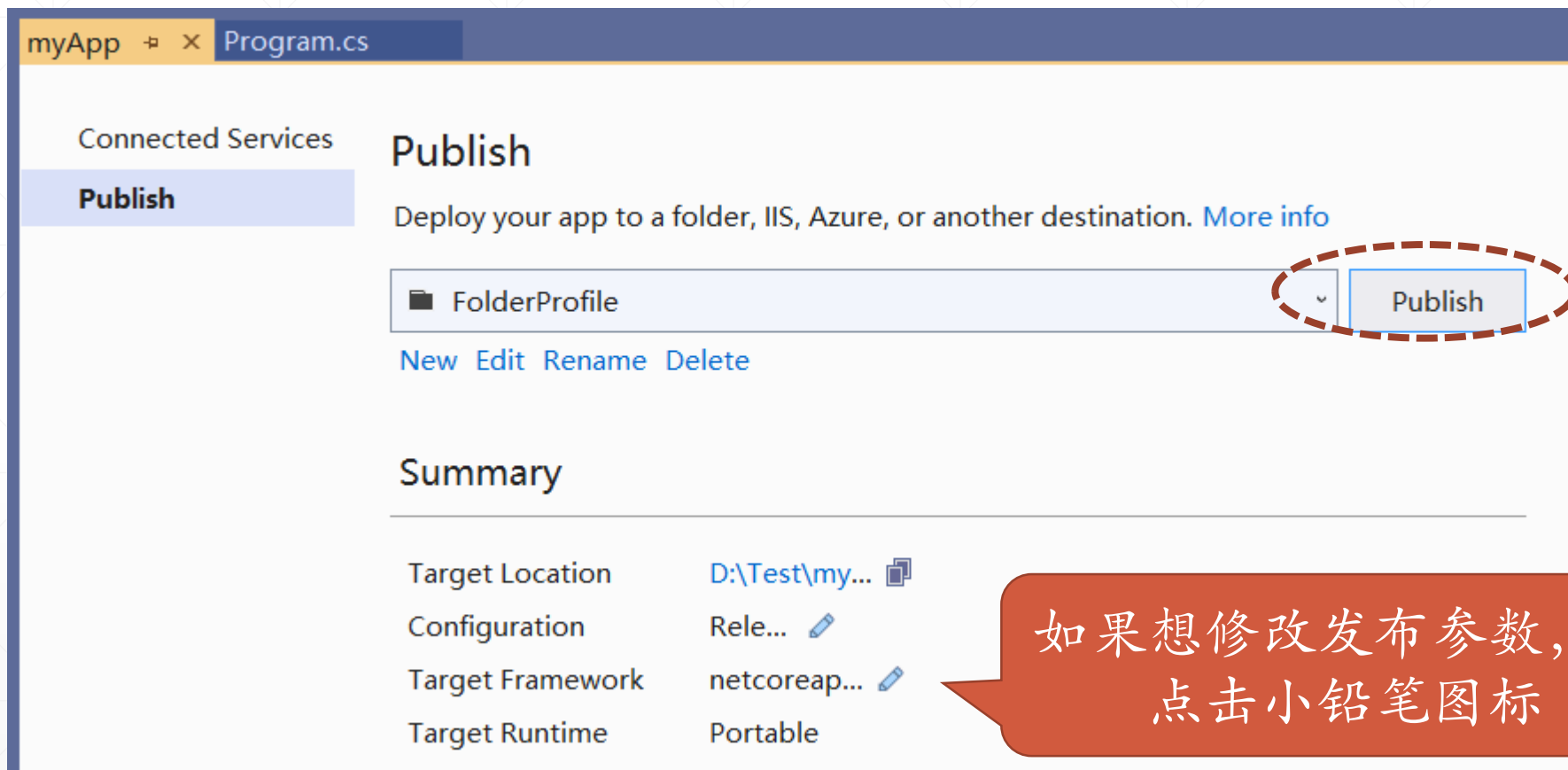
直接点击“绿色三角”按钮，启动程序运行，“Hello World!”字符串出现在控制台窗口中。

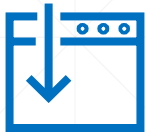


```
Microsoft Visual Studio Debug Console
Hello World!
C:\Users\JinXuLiang\source\repos\myApp\myApp\bin\Debug\netcoreapp3.0\myApp.exe (process 10724) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

发布App







.NET core程序可选的部署方式

Profile Settings [X]

Profile Name: FolderProfile

Configuration: Release | Any CPU

Target Framework: netcoreapp3.0

Deployment Mode: Framework Dependent

Target Runtime: Portable

Target Location: D:\Test\myApp ...

Save Cancel

Debug | ARM
Debug | ARM64
Debug | Any CPU
Debug | x64
Debug | x86
Release | ARM
Release | ARM64
Release | Any CPU
Release | x64
Release | x86

Framework Dependent
Self-contained

Portable
win-x86
win-x64
win-arm
osx-x64
linux-x64
linux-arm

Publish

Deploy your app to a folder, IIS, Azure, or another destination. [More info](#)

FolderProfile

Publish

[New](#) [Edit](#) [Rename](#) [Delete](#)

Output

Show output from: Build

```
1>----- Build started: Project: myApp, Configuration: Release Any CPU -----
1>C:\Program Files\dotnet\sdk\3.0.100-preview6-012264\Sdks\Microsoft.NET.Sdk\targets\Microsoft.NET.
1>myApp -> C:\Users\JinXuLiang\source\repos\myApp\myApp\bin\Release\netcoreapp3.0\myApp.dll
2>----- Publish started: Project: myApp, Configuration: Release Any CPU -----
2>myApp -> C:\Users\JinXuLiang\source\repos\myApp\myApp\bin\Release\netcoreapp3.0\myApp.dll
2>myApp -> D:\Test\myApp\
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Publish: 1 succeeded, 0 failed, 0 skipped =====
```