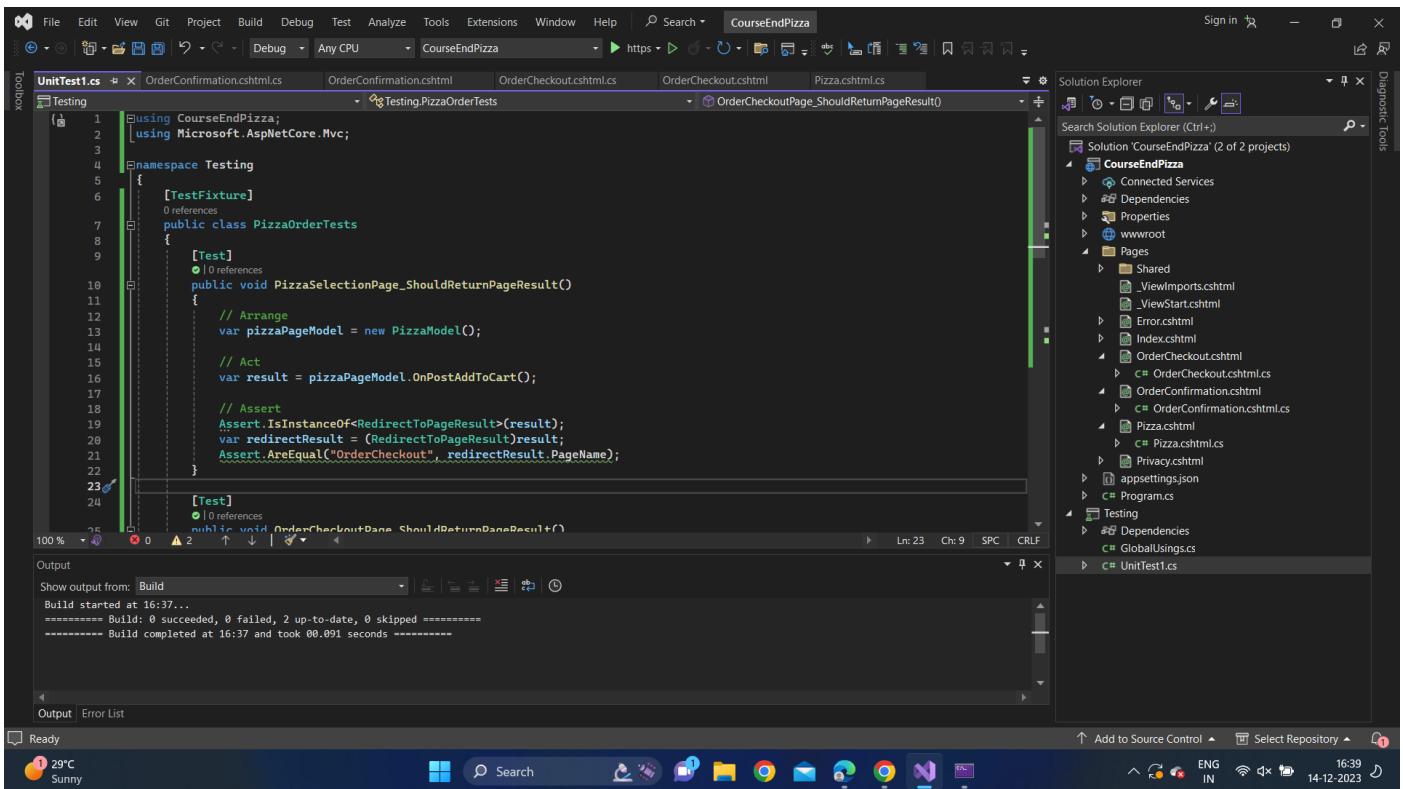


# Output Screenshots

## NUnit Testing / Specflow



Unit Test code in UnitTest1.cs:

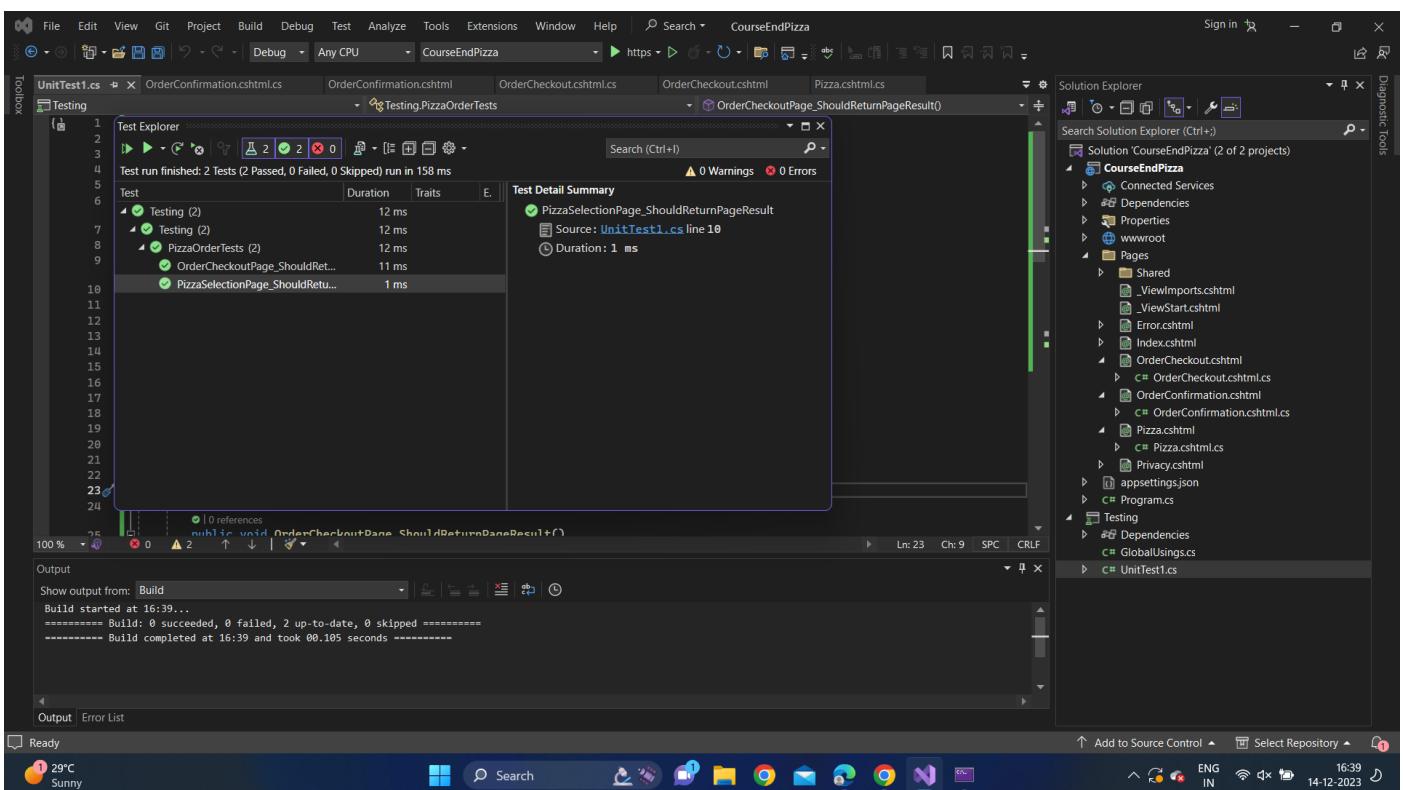
```
1 using CourseEndPizza;
2 using Microsoft.AspNetCore.Mvc;
3
4 namespace Testing
5 {
6     [TestFixture]
7     0 references
8     public class PizzaOrderTests
9     {
10         [Test]
11         0 references
12         public void PizzaSelectionPage_ShouldReturnPageResult()
13         {
14             // Arrange
15             var pizzaPageModel = new PizzaModel();
16
17             // Act
18             var result = pizzaPageModel.OnPostAddToCart();
19
20             // Assert
21             Assert.IsInstanceOf<RedirectToPageResult>(result);
22             var redirectResult = (RedirectToPageResult)result;
23             Assert.AreEqual("OrderCheckout", redirectResult.PageName);
24         }
25     }
26 }
```

Output window:

```
Show output from: Build
Build started at 16:37...
=====
Build: 0 succeeded, 0 failed, 2 up-to-date, 0 skipped =====
Build completed at 16:37 and took 00.091 seconds =====
```

Solution Explorer:

- Solution 'CourseEndPizza' (2 of 2 projects)
  - CourseEndPizza
    - Connected Services
    - Dependencies
    - Properties
    - wwwroot
      - Pages
        - Shared
          - \_ViewImports.cshtml
          - \_ViewStart.cshtml
        - Error.cshtml
        - Index.cshtml
        - OrderCheckout.cshtml
          - OrderCheckout.cshtml.cs
          - OrderConfirmation.cshtml
            - OrderConfirmation.cshtml.cs
            - Pizza.cshtml
              - Pizza.cshtml.cs
      - Testing
        - Dependencies
          - GlobalUsings.cs



Test Explorer results:

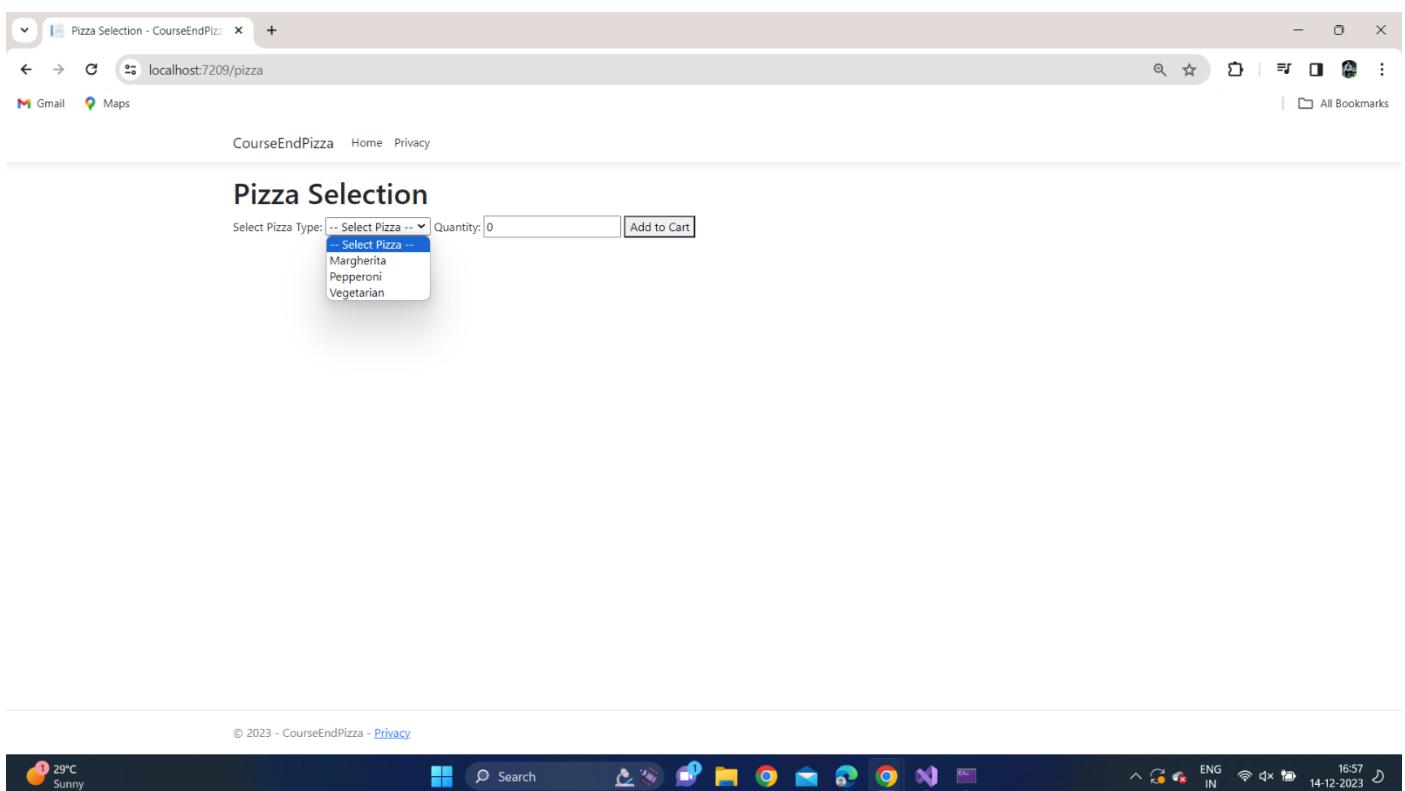
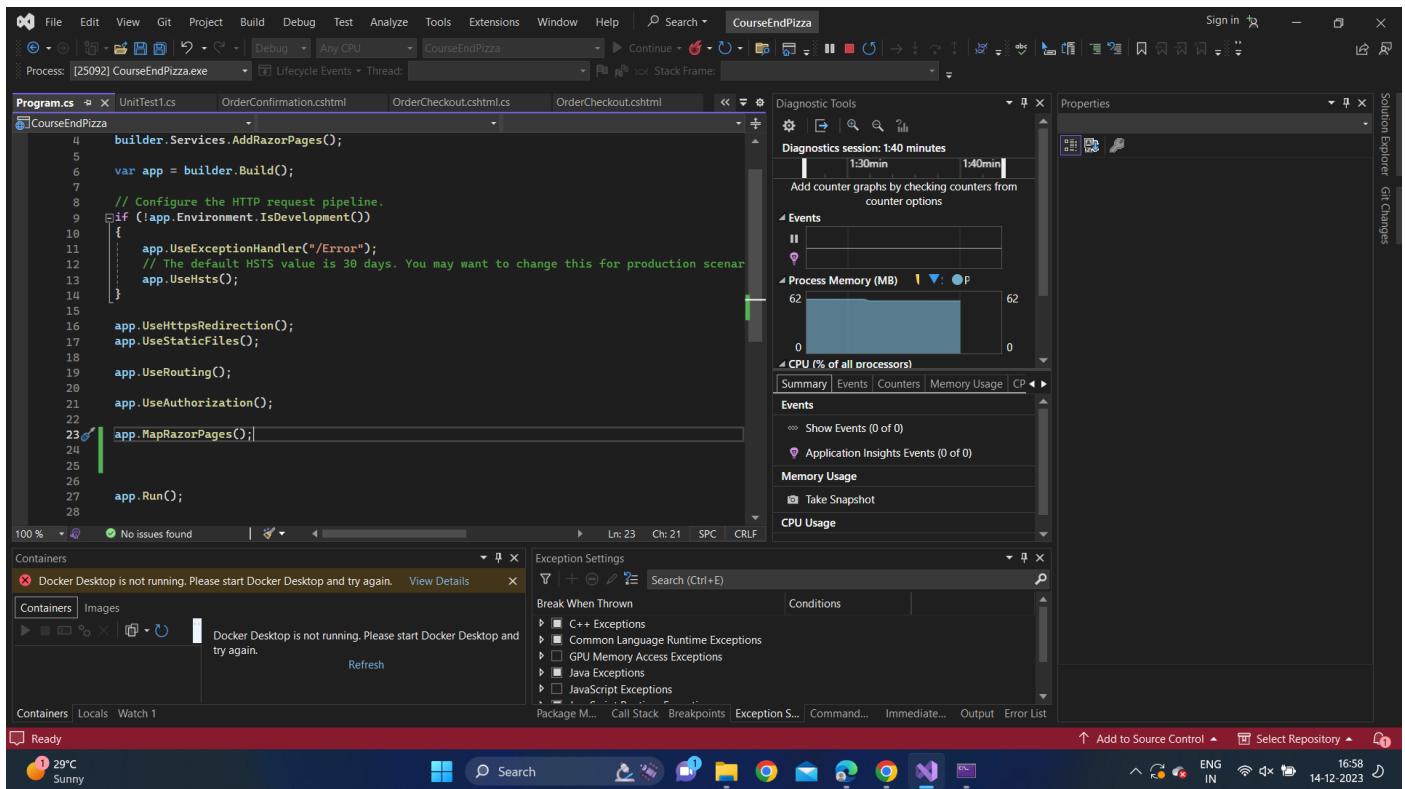
Test	Duration	Traits
Testing (2)	12 ms	
Testing (2)	12 ms	
PizzaOrderTests (2)	12 ms	
OrderCheckoutPage_ShouldRet...	11 ms	
PizzaSelectionPage_ShouldRet...	1 ms	

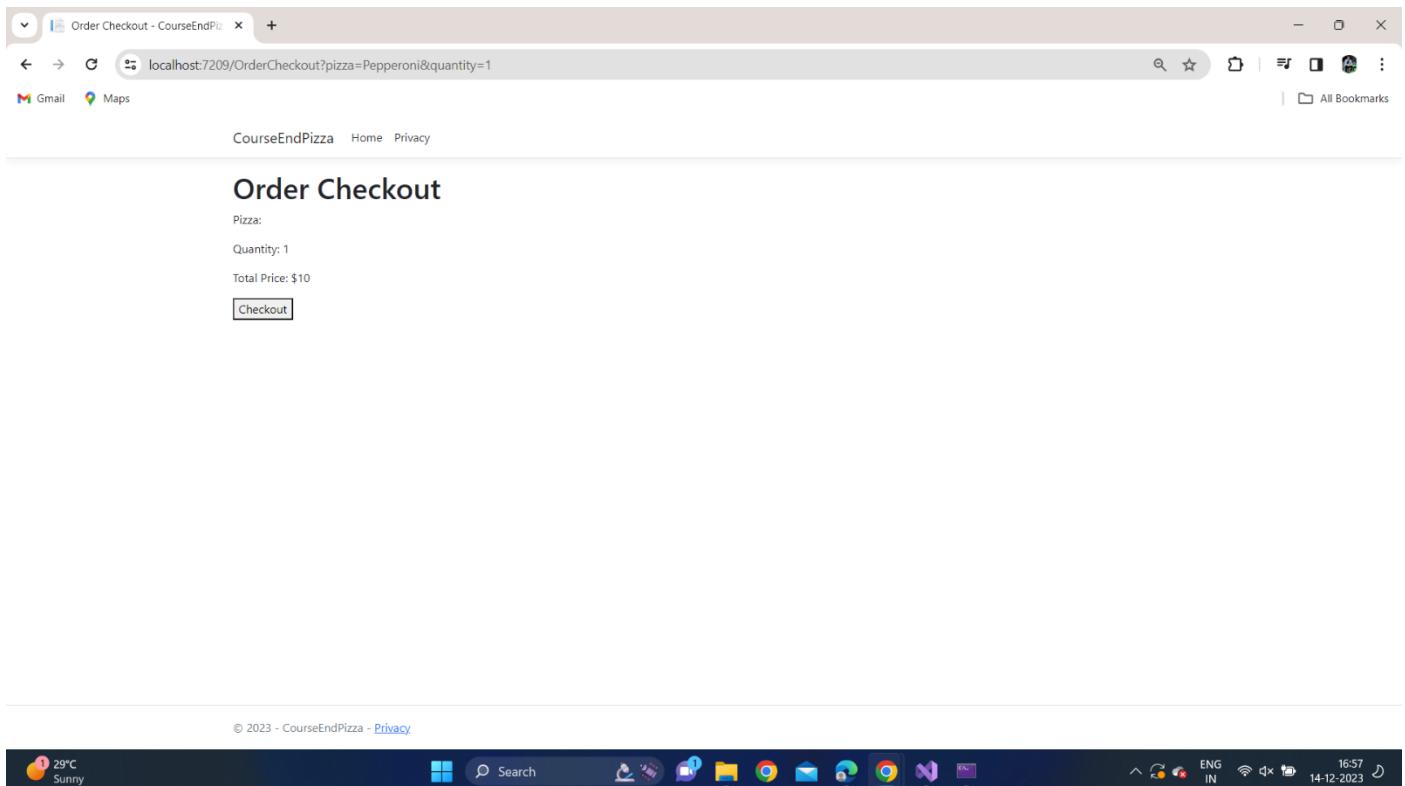
Output window:

```
Show output from: Build
Build started at 16:39...
=====
Build: 0 succeeded, 0 failed, 2 up-to-date, 0 skipped =====
Build completed at 16:39 and took 00.105 seconds =====
```

Solution Explorer:

- Solution 'CourseEndPizza' (2 of 2 projects)
  - CourseEndPizza
    - Connected Services
    - Dependencies
    - Properties
    - wwwroot
      - Pages
        - Shared
          - \_ViewImports.cshtml
          - \_ViewStart.cshtml
        - Error.cshtml
        - Index.cshtml
        - OrderCheckout.cshtml
          - OrderCheckout.cshtml.cs
          - OrderConfirmation.cshtml
            - OrderConfirmation.cshtml.cs
            - Pizza.cshtml
              - Pizza.cshtml.cs
      - Testing
        - Dependencies
          - GlobalUsings.cs





Order Checkout - CourseEndPizza

localhost:7209/OrderCheckout?pizza=Pepperoni&quantity=1

Gmail Maps

CourseEndPizza Home Privacy

## Order Checkout

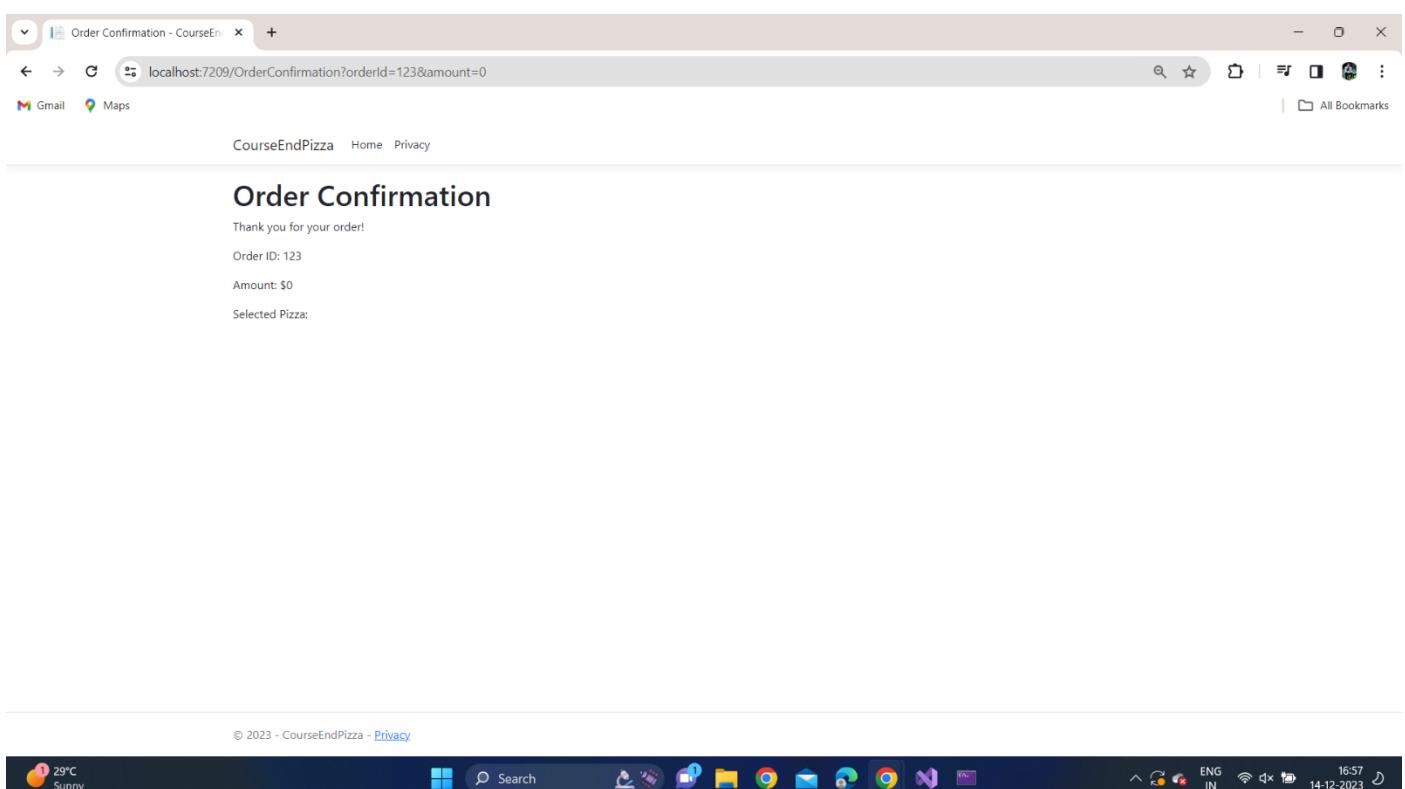
Pizza:

Quantity: 1

Total Price: \$10

[Checkout](#)

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Order Confirmation - CourseEndPizza

localhost:7209/OrderConfirmation?orderId=123&amount=0

Gmail Maps

CourseEndPizza Home Privacy

## Order Confirmation

Thank you for your order!

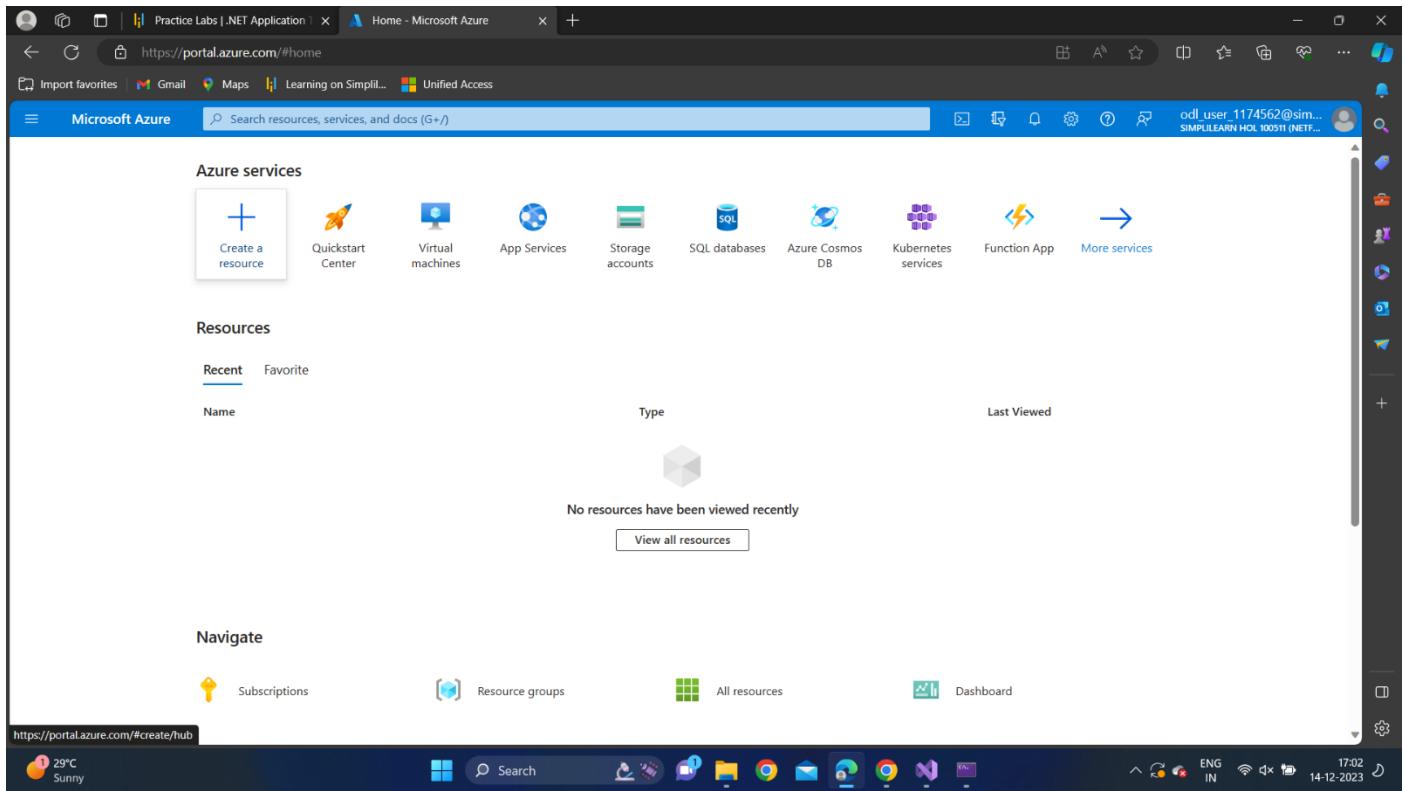
Order ID: 123

Amount: \$0

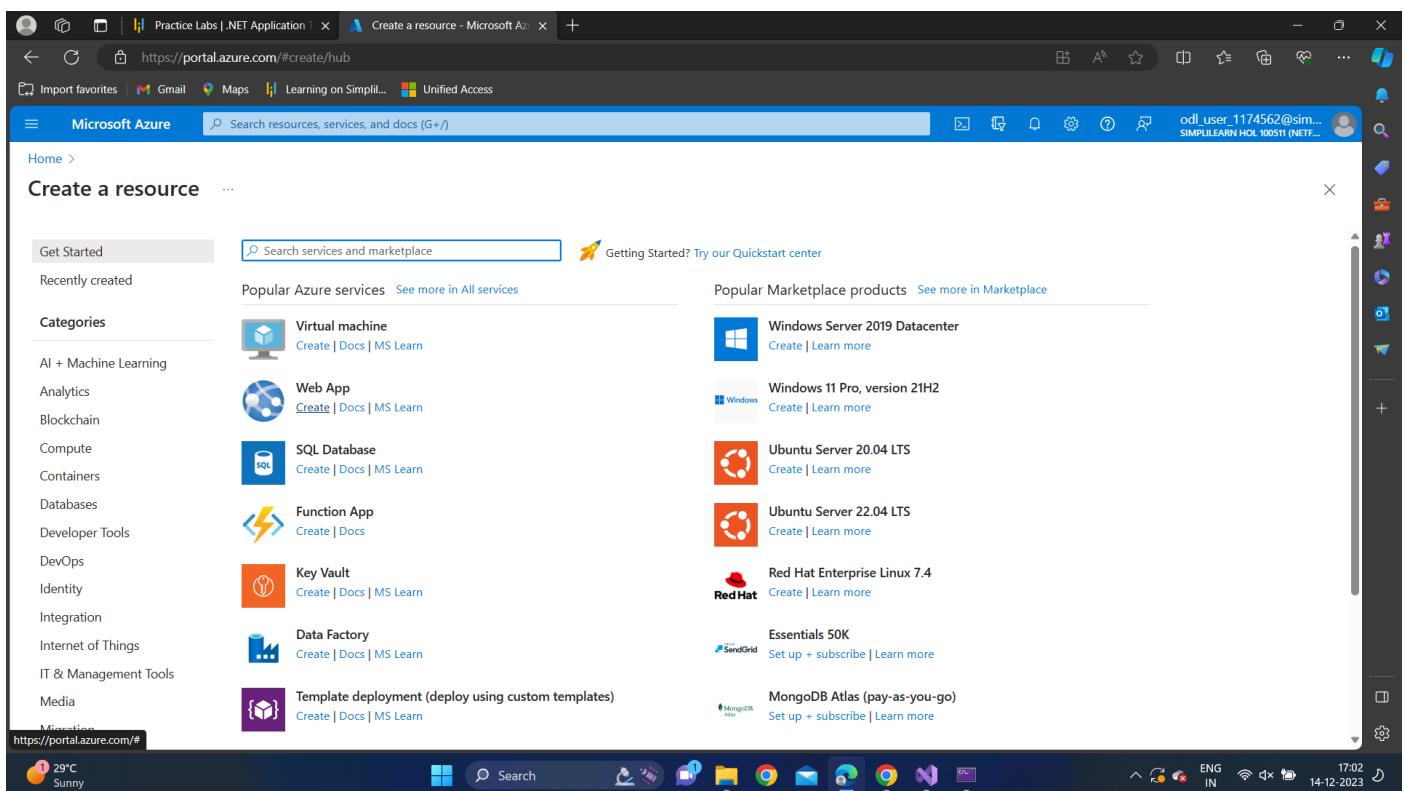
Selected Pizza:

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# • Windows Azure



The screenshot shows the Microsoft Azure portal home page. At the top, there are several service icons: Quickstart Center, Virtual machines, App Services, Storage accounts, SQL databases, Azure Cosmos DB, Kubernetes services, Function App, and More services. Below this is a section for 'Resources' with tabs for 'Recent' and 'Favorite'. A message states 'No resources have been viewed recently'. At the bottom of the page is a 'Navigate' section with links for Subscriptions, Resource groups, All resources, and Dashboard. The browser's address bar shows the URL <https://portal.azure.com/#home>. The system tray at the bottom right shows the date as 14-12-2023 and the time as 17:02.



The screenshot shows the Microsoft Azure portal 'Create a resource' hub. The 'Get Started' tab is selected. It features a search bar for 'Search services and marketplace'. Below the search bar are sections for 'Popular Azure services' and 'Popular Marketplace products'. The 'Popular Azure services' section includes icons for Virtual machine, Web App, SQL Database, Function App, Key Vault, Data Factory, and Template deployment. The 'Popular Marketplace products' section includes icons for Windows Server 2019 Datacenter, Windows 11 Pro, Ubuntu Server 20.04 LTS, Ubuntu Server 22.04 LTS, Red Hat Enterprise Linux 7.4, Essentials 50K, and MongoDB Atlas. The browser's address bar shows the URL <https://portal.azure.com/#create/hub>. The system tray at the bottom right shows the date as 14-12-2023 and the time as 17:02.

Practice Labs | .NET Application | Create Web App - Microsoft Azure

Import favorites | Gmail | Maps | Learning on Simpli... | Unified Access

Microsoft Azure | Search resources, services, and docs (G+)

odl user 1174562@sim... SIMPILearn HOL 100511 (NETF...)

Home > Create a resource > Create Web App

Project Details

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription \*

Resource Group \*

Instance Details

Name \*  .azurewebsites.net

Publish \*  Code  Docker Container  Static Web App

Runtime stack \*

Operating System \*  Linux  Windows

Region \*

Not finding your App Service Plan? Try a different region or select your App Service Environment.

Review + create < Previous Next : Database >

29°C Sunny Search

17:03 14-12-2023

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Microsoft Azure | Search resources, services, and docs (G+)

odl user 1174562@sim... SIMPILearn HOL 100511 (NETF...)

Home > Create a resource > Create Web App

Basics Database Deployment Networking Monitoring Tags Review + create

Summary

 Web App by Microsoft **Free sku** Estimated price - Free

Details

Subscription	aa992e95-68ce-4b48-a968-eeab52d34c67
Resource Group	AnilKumar
Name	CourseEnd
Publish	Code
Runtime stack	ASP.NET V4.8

App Service Plan (New)

Name	ASP-AnilKumar-84d8
Operating System	Windows
Region	East US
SKU	Free
ACU	Shared infrastructure

< Previous Next > Download a template for automation

29°C Sunny Search

17:04 14-12-2023

Microsoft.Web-WebApp-Portal-d1610015-a844 | Overview

Your deployment is complete

Deployment name: Microsoft.Web-WebApp-Portal-d1610015-a844

Subscription: Simplilearn HOL 100511

Resource group: AnilKumar

Start time: 12/14/2023, 5:04:53 PM

Correlation ID: 71df9f48-66b3-463e-b3d5-f865d3d57448

Deployment details

Next steps

Manage deployments for your app. Recommended

Protect your app with authentication. Recommended

Give feedback

Tell us about your experience with deployment

Cost Management

Get notified to stay within your budget and prevent unexpected charges on your bill.

Set up cost alerts >

Microsoft Defender for Cloud

Secure your apps and infrastructure

Go to Microsoft Defender for Cloud >

Free Microsoft tutorials

Start learning today

Work with an expert

Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support.

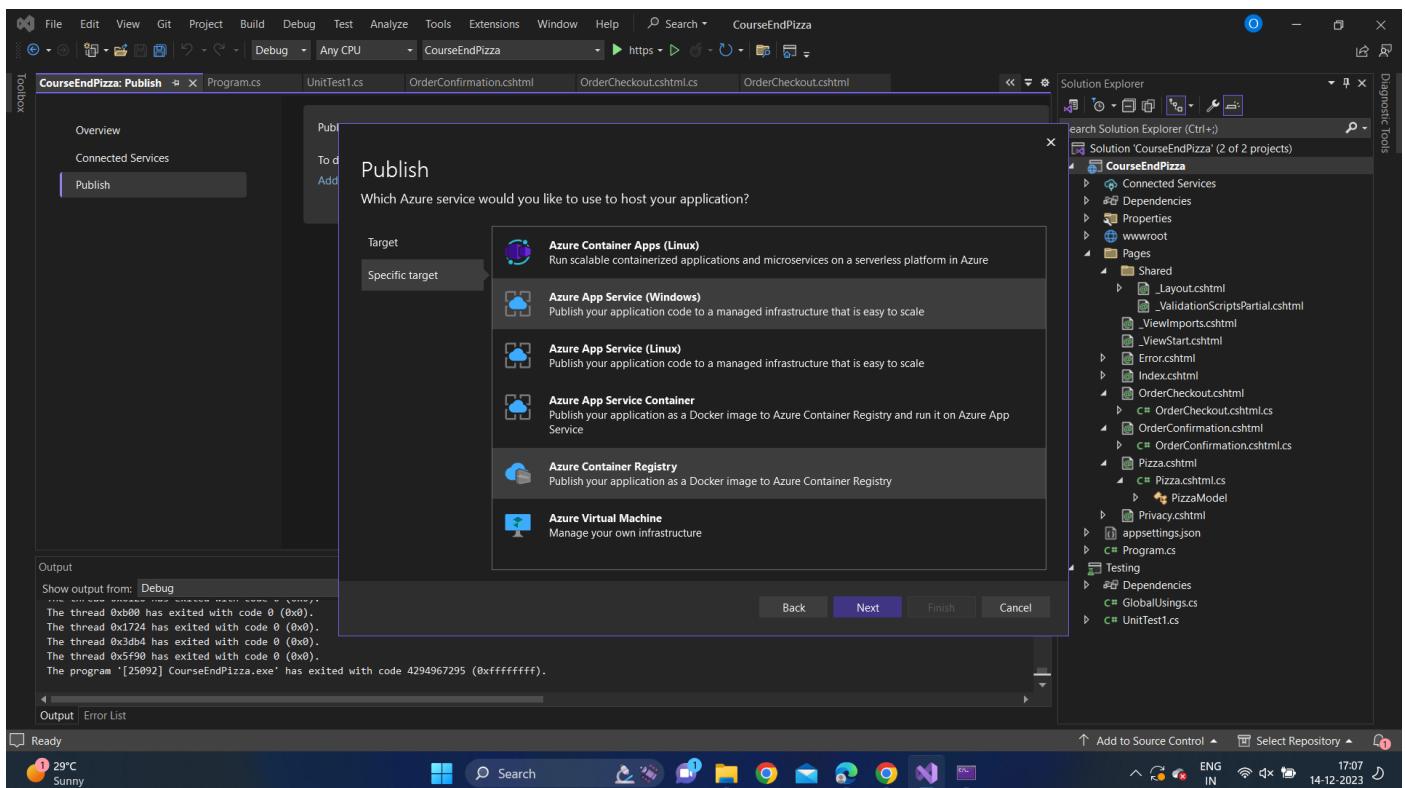
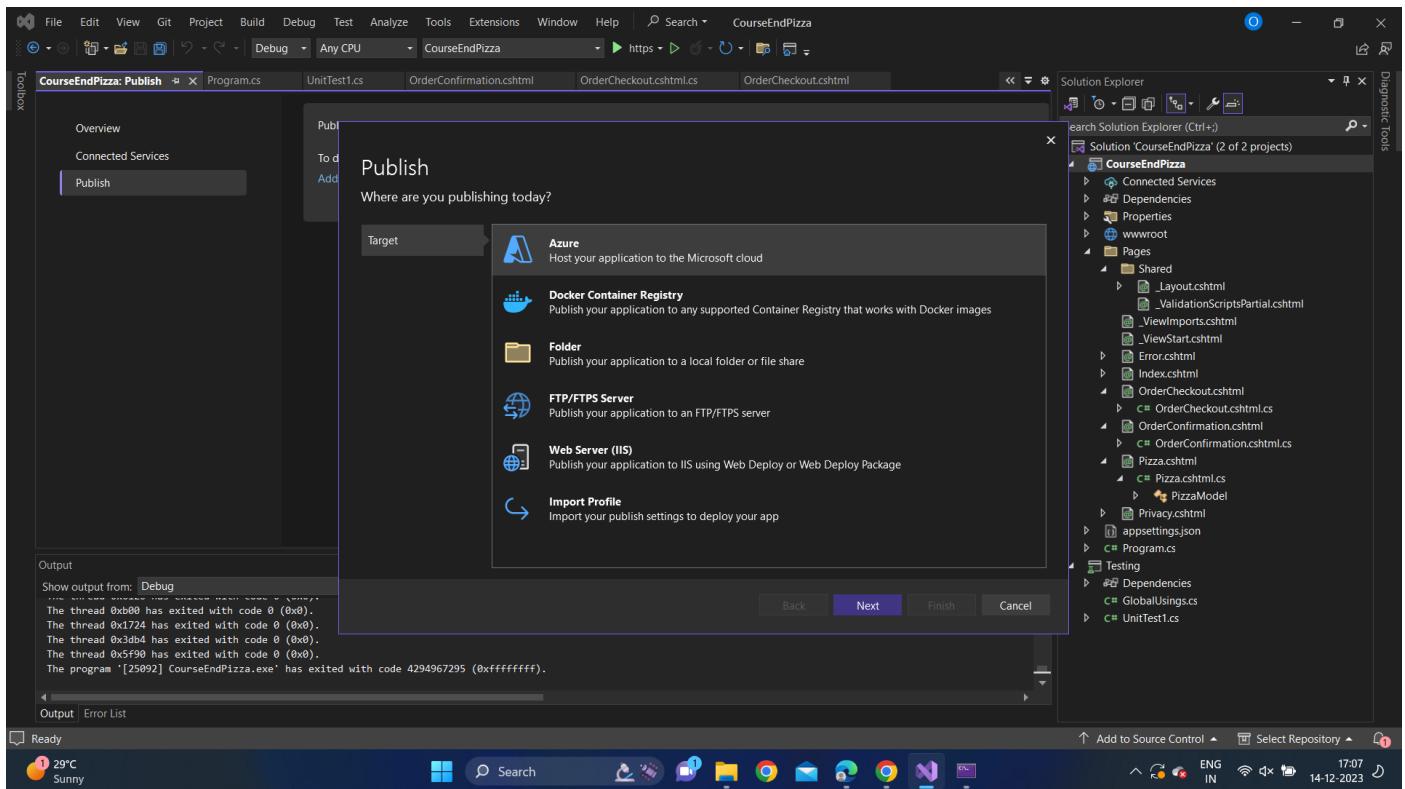
Find an Azure expert >

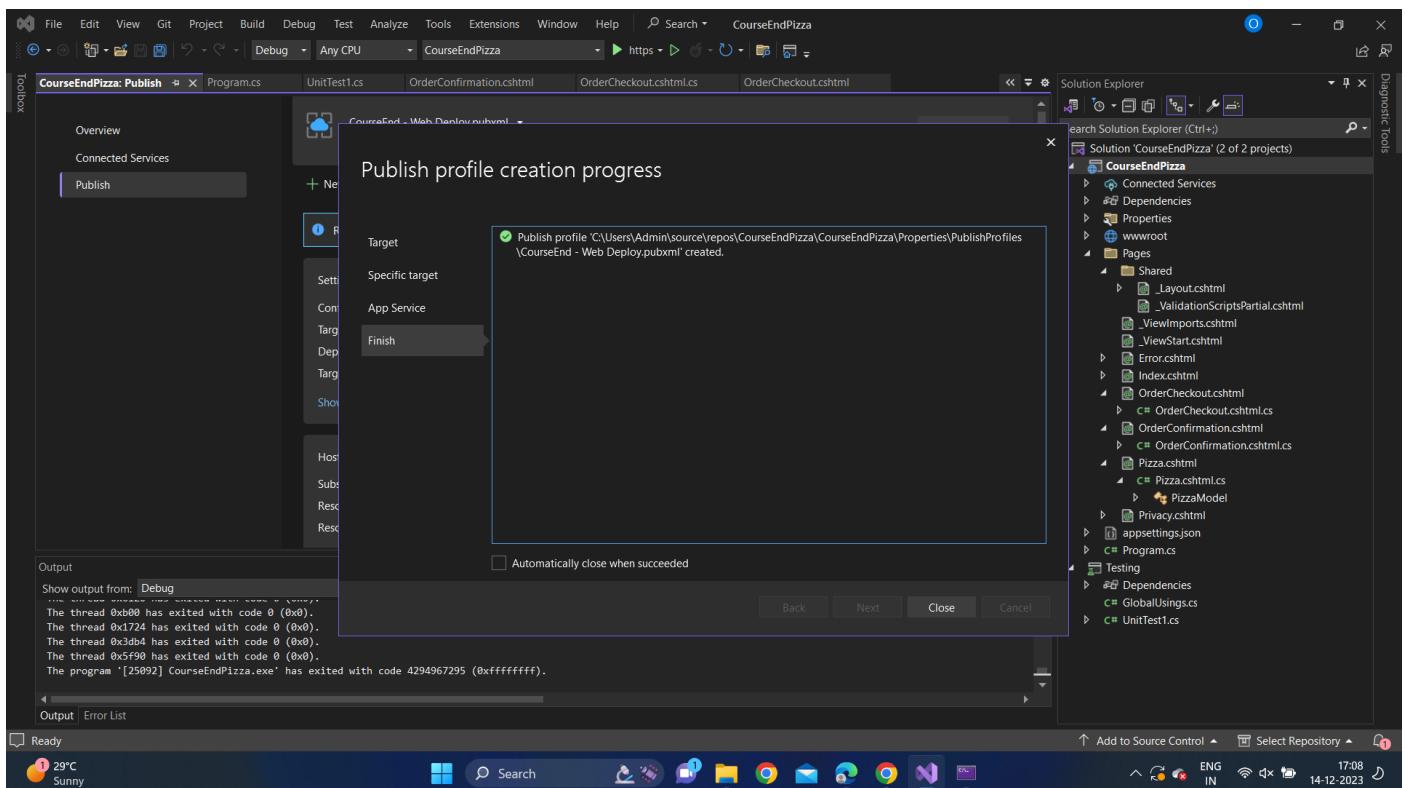
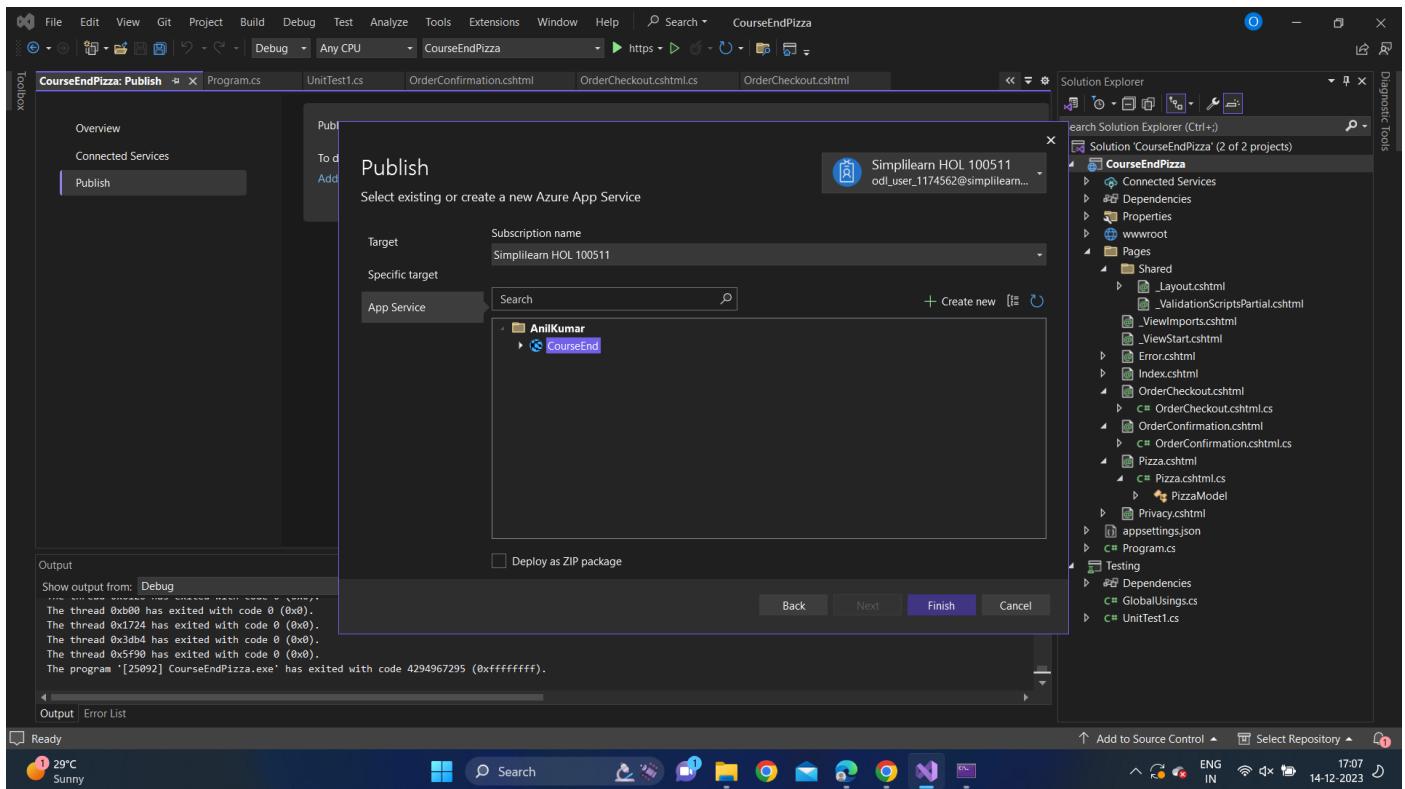
```
1 var builder = WebApplication.CreateBuilder(args);
2
3 // Add services to the container.
4 builder.Services.AddRazorPages();
5
6 var app = builder.Build();
7
8 // Configure the HTTP request pipeline.
9 if (app.Environment.IsDevelopment())
10 {
11     app.UseExceptionHandler("/Error");
12     // The default HSTS value is 30 days. You may want to change this for production scenarios, see https://aka.ms/aspnetcore-hsts.
13     app.UseHsts();
14 }
15
16 app.UseHttpsRedirection();
17 app.UseStaticFiles();
18
19 app.UseRouting();
20
21 app.UseAuthorization();
22
23 app.MapRazorPages();
24
25
26
27 app.Run();
```

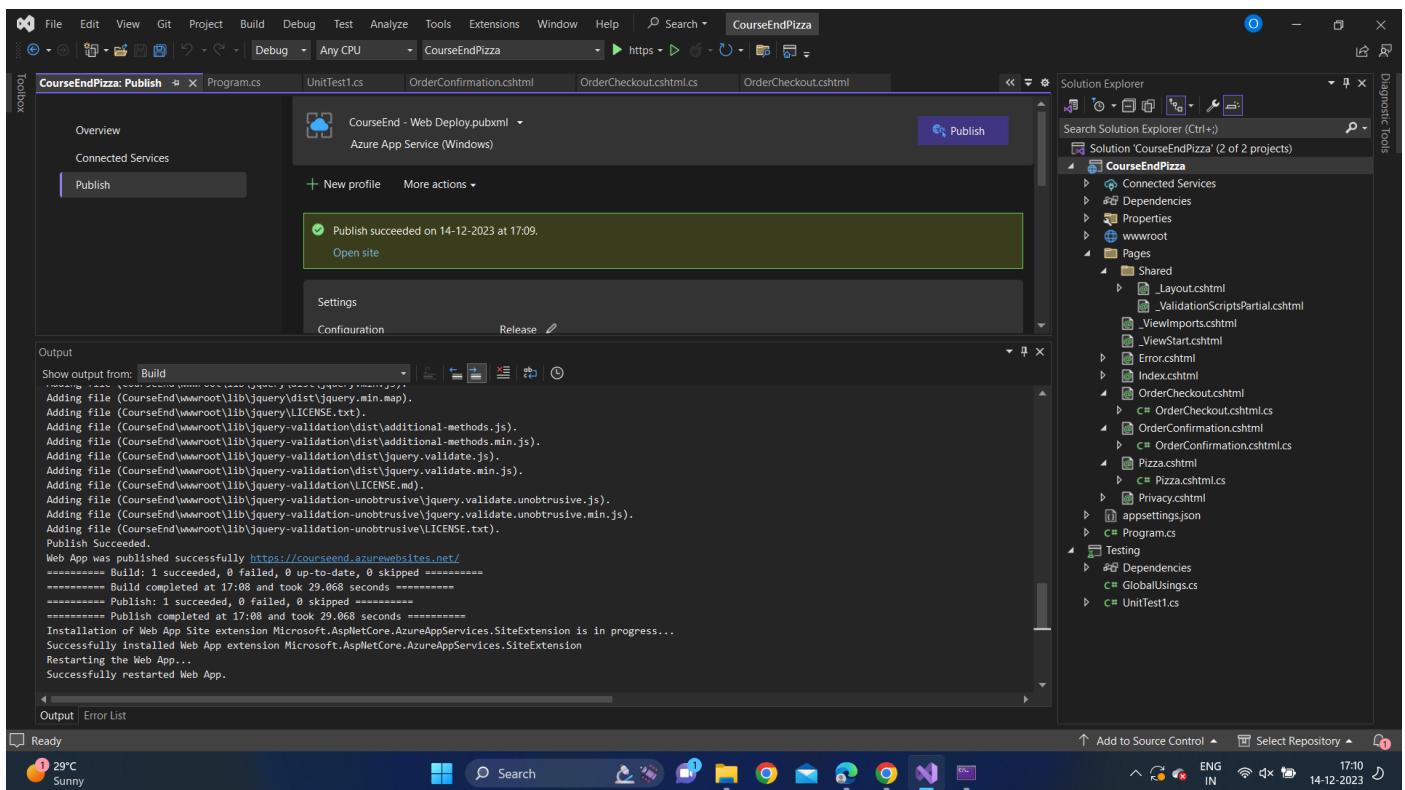
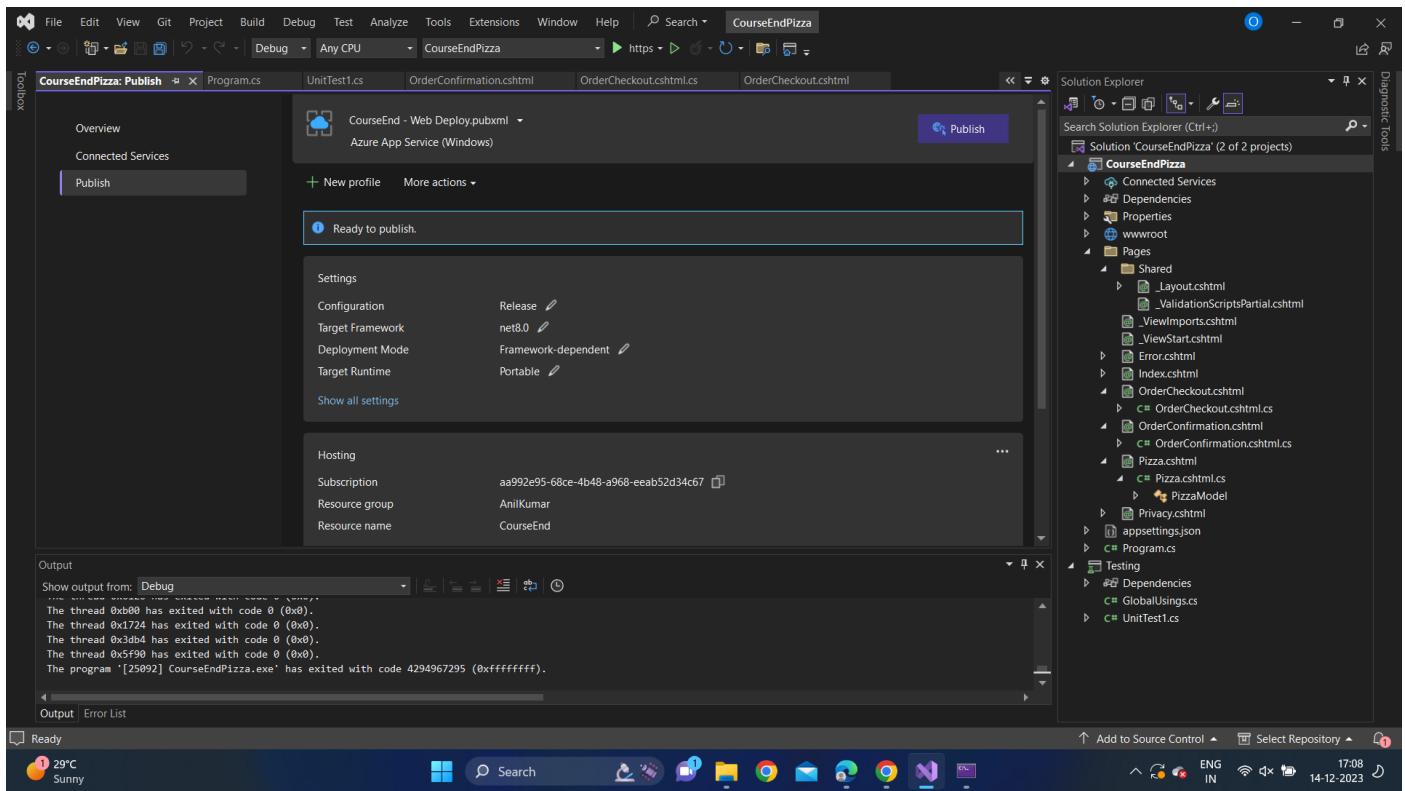
Output

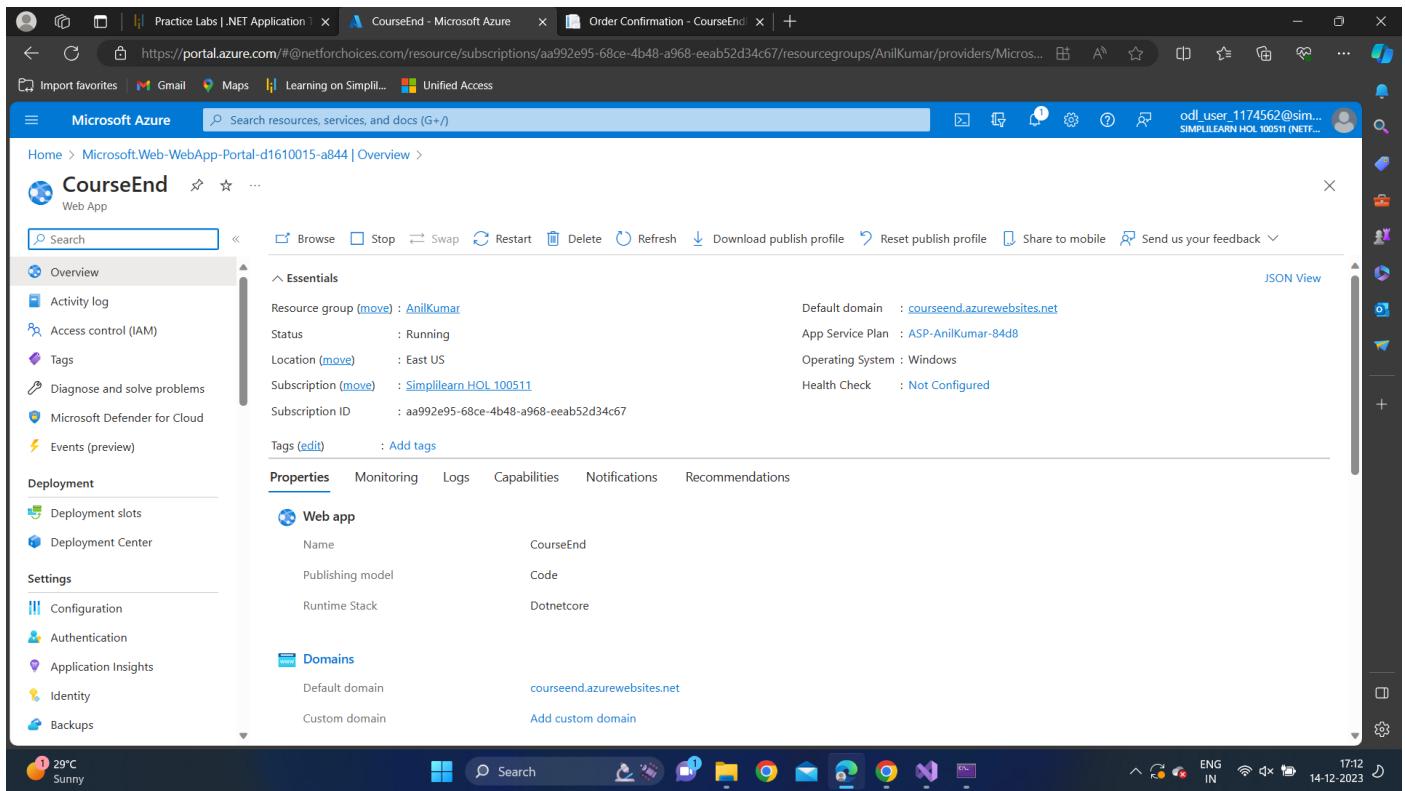
Show output from: Debug

The thread 0xb60 has exited with code 0 (0x0).
The thread 0x1724 has exited with code 0 (0x0).
The thread 0x3dbd has exited with code 0 (0x0).
The thread 0x5f90 has exited with code 0 (0x0).
The program [25092] CourseEndPizza.exe' has exited with code 4294967295 (0xffffffff).









CourseEnd

Web App

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Microsoft Defender for Cloud

Events (preview)

Deployment

Deployment slots

Deployment Center

Settings

Configuration

Authentication

Application Insights

Identity

Backups

Resource group (move) : AnilKumar

Status : Running

Location (move) : East US

Subscription (move) : Simplilearn HOL\_100511

Subscription ID : aa992e95-68ce-4b48-a968-eeab52d34c67

Tags (edit) : Add tags

Default domain : courseend.azurewebsites.net

App Service Plan : ASP-AnilKumar-84d8

Operating System : Windows

Health Check : Not Configured

Properties Monitoring Logs Capabilities Notifications Recommendations

Web app

Name : CourseEnd

Publishing model : Code

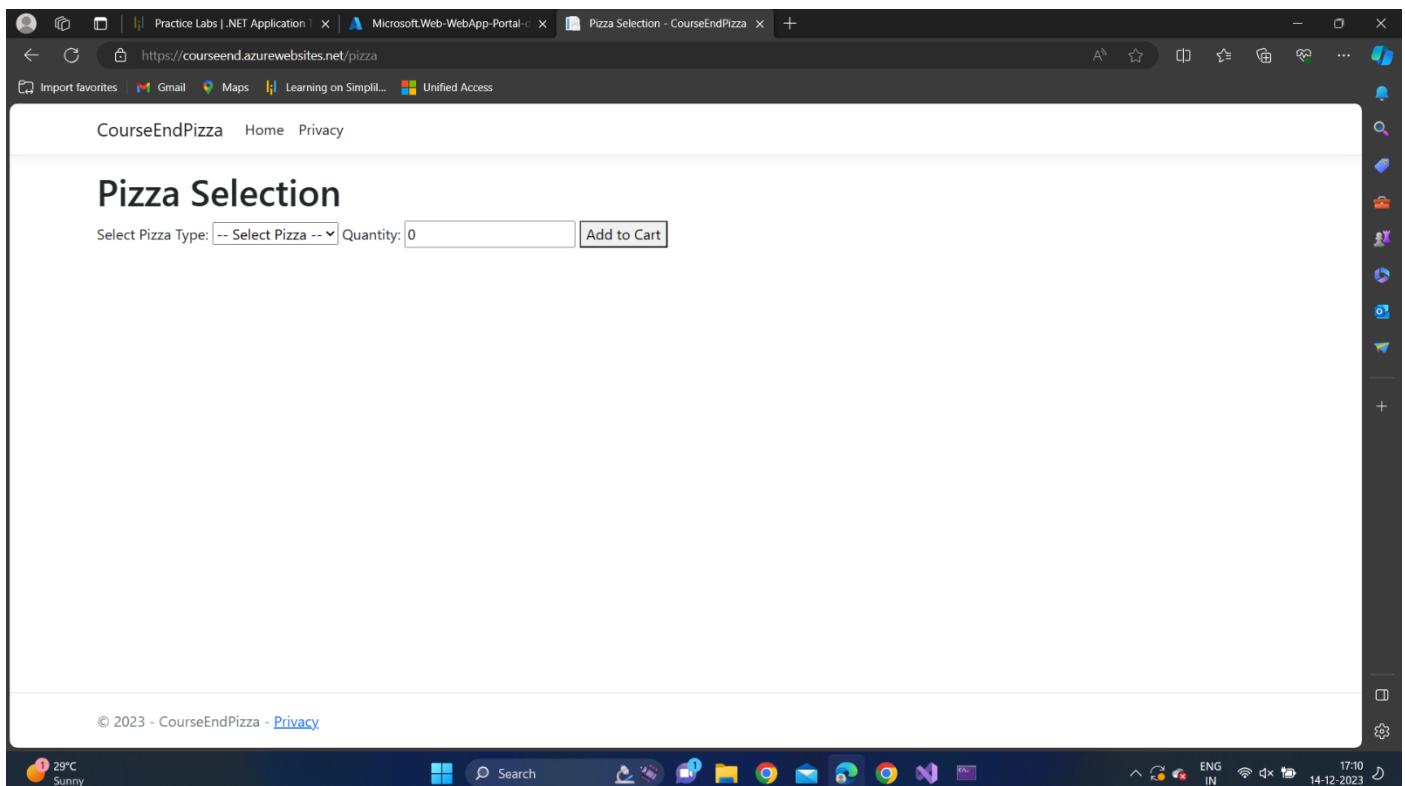
Runtime Stack : Dotnetcore

Domains

Default domain : courseend.azurewebsites.net

Custom domain : Add custom domain

29°C Sunny 17:12 14-12-2023



CourseEndPizza

Pizza Selection

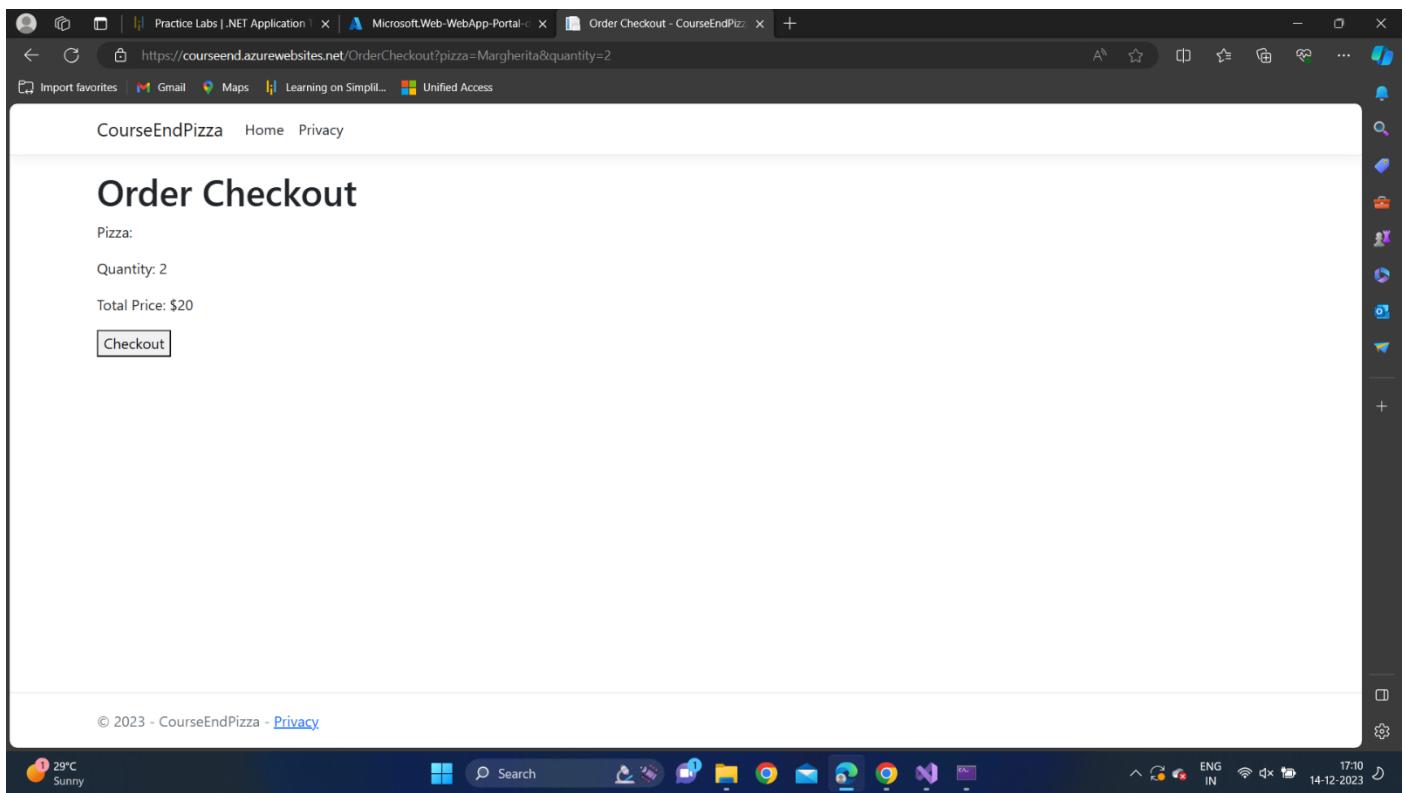
Select Pizza Type: -- Select Pizza --

Quantity: 0

Add to Cart

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29°C Sunny 17:10 14-12-2023



Practice Labs | .NET Application | Microsoft.Web-WebApp-Portal | Order Checkout - CourseEndPizza

Pizza: Margherita

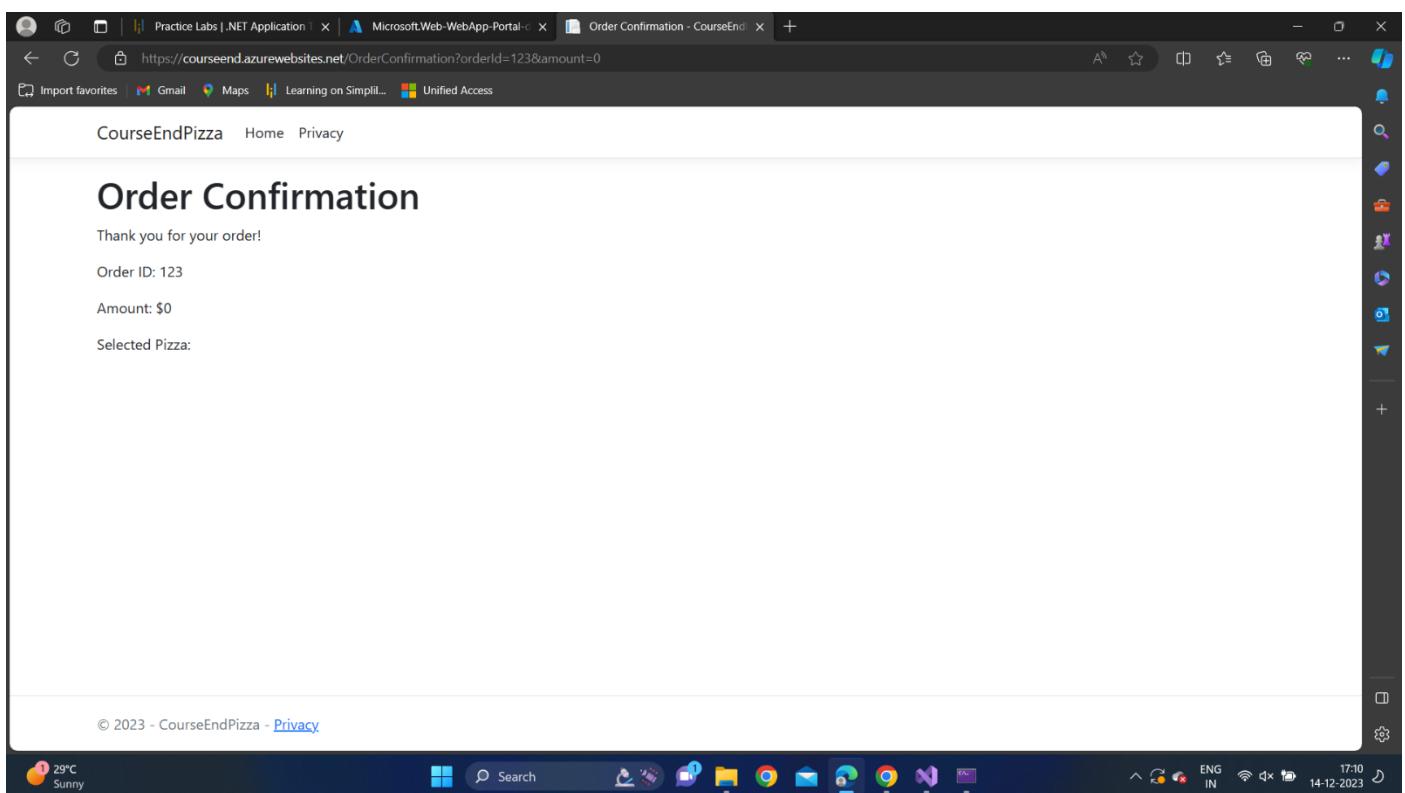
Quantity: 2

Total Price: \$20

[Checkout](#)

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29°C Sunny 17:10 ENG IN 14-12-2023



Practice Labs | .NET Application | Microsoft.Web-WebApp-Portal | Order Confirmation - CourseEndPizza

Import favorites | Gmail | Maps | Learning on Simpli... | Unified Access

CourseEndPizza Home Privacy

## Order Confirmation

Thank you for your order!

Order ID: 123

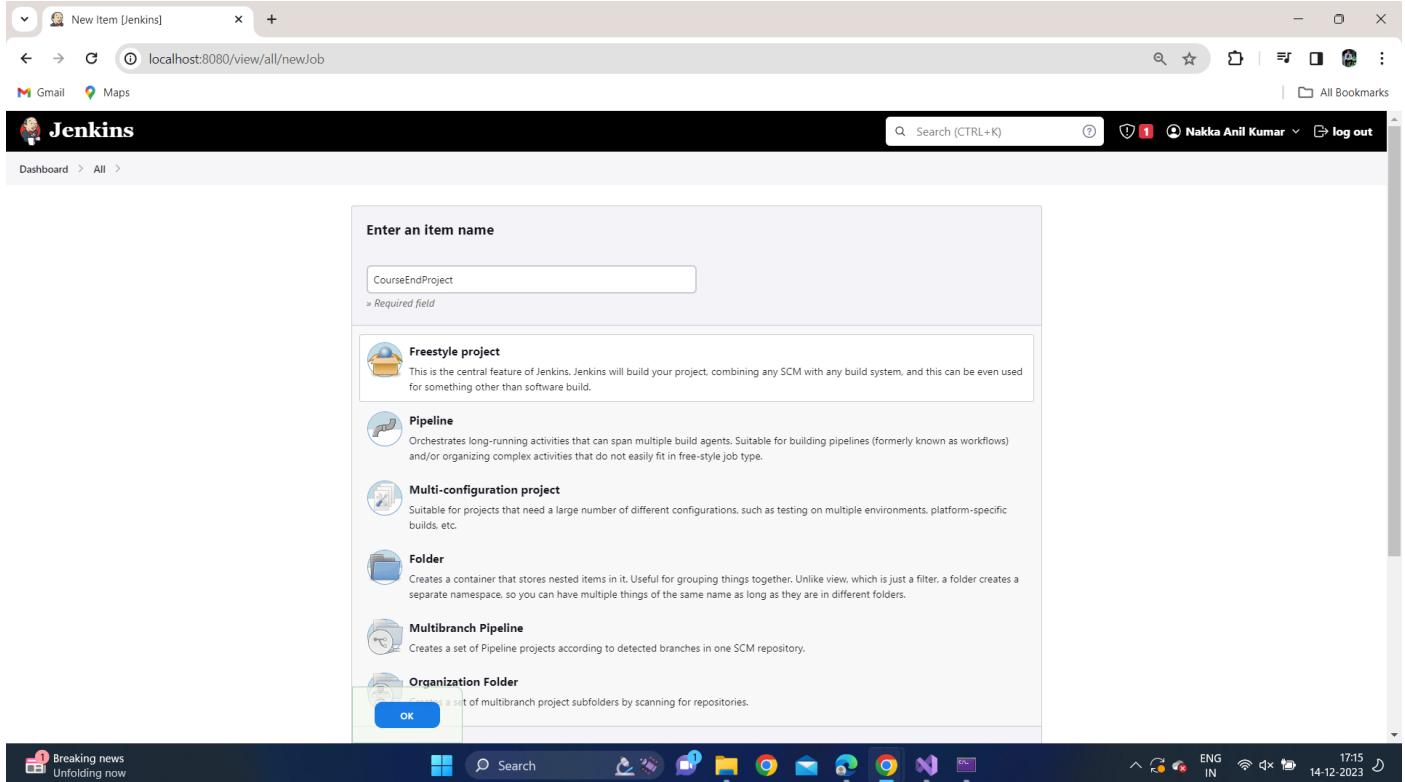
Amount: \$0

Selected Pizza: Margherita

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# • Jenkins



Enter an item name

CourseEndProject Required field

**Freestyle project**  
This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for something other than software build.

**Pipeline**  
Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.

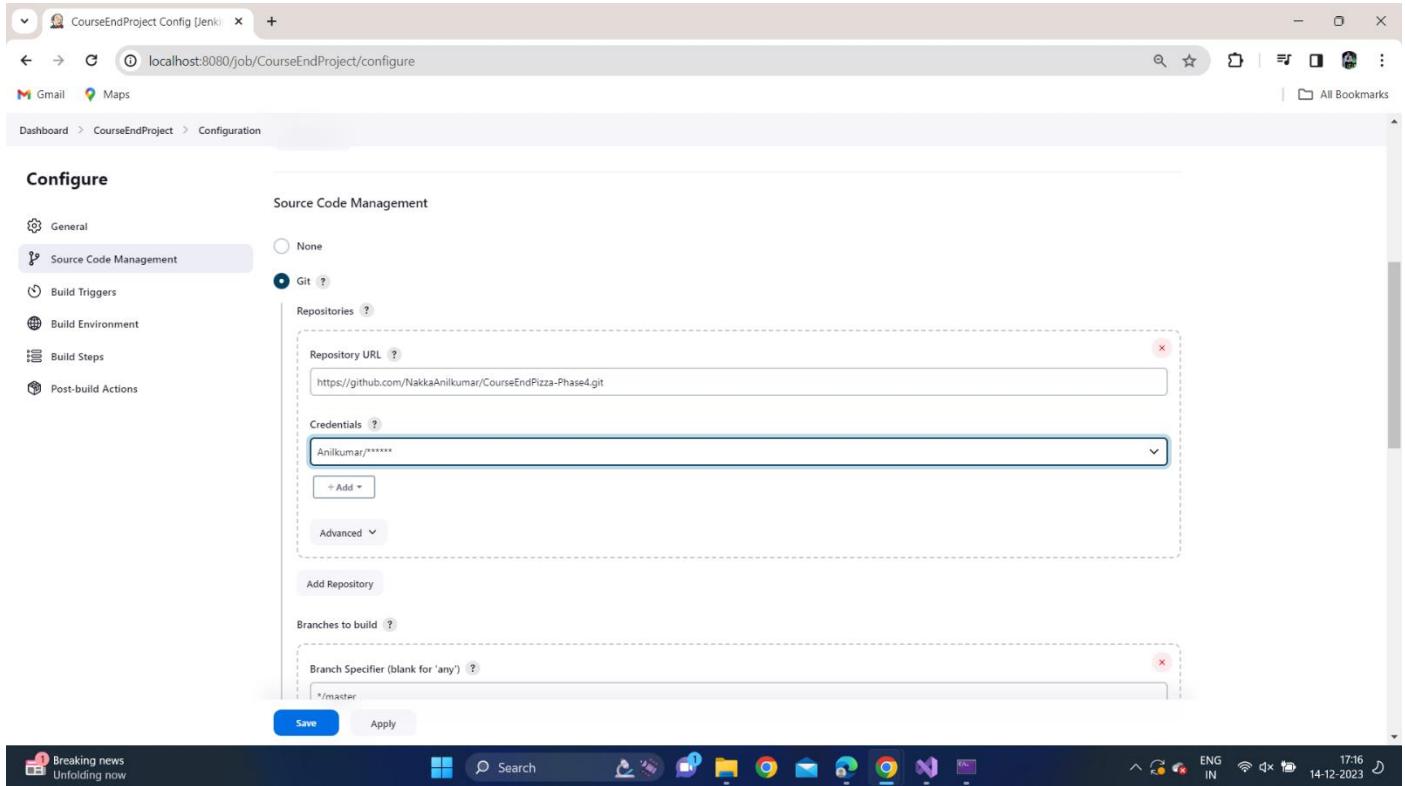
**Multi-configuration project**  
Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.

**Folder**  
Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a separate namespace, so you can have multiple things of the same name as long as they are in different folders.

**Multibranch Pipeline**  
Creates a set of Pipeline projects according to detected branches in one SCM repository.

**Organization Folder**  
Creates a set of multibranch project subfolders by scanning for repositories.

OK



CourseEndProject Config [Jenkins]

localhost:8080/job/CourseEndProject/configure

Source Code Management

General

Source Code Management **Git**

Build Triggers

Build Environment

Build Steps

Post-build Actions

Repositories

Repository URL: https://github.com/NakkaAnilKumar/CourseEndPizza-Phase4.git

Credentials: AnilKumar/\*\*\*\*\*

Advanced

Add Repository

Branches to build

Branch Specifier (blank for 'any')?: \*/master

Save Apply

CourseEndProject Config [Jenkins] +

localhost:8080/job/CourseEndProject/configure

Gmail Maps

Dashboard > CourseEndProject > Configuration

### Configure

- General
- Source Code Management
- Build Triggers**
- Build Environment
- Build Steps
- Post-build Actions

Repository browser ? (Auto)

Additional Behaviours Add ▾

#### Build Triggers

Trigger builds remotely (e.g. from scripts) ?

Build after other projects are built ?

Build periodically ?

Schedule ? H/2 \* \* \* \*

Would last have run at Thursday, 14 December, 2023, 5:16:18 pm India Standard Time: would next run at Thursday, 14 December, 2023, 5:16:18 pm India Standard Time.

GitHub hook trigger for GITScm polling ?

Poll SCM ?

#### Build Environment

Save Apply

Breaking news Unfolding now

Search

ENG IN 14-12-2023

CourseEndProject [Jenkins] +

localhost:8080/job/CourseEndProject/

Gmail Maps

Dashboard > CourseEndProject >

## Jenkins

CourseEndProject

- Status
- Changes
- Workspace
- Build Now**
- Configure
- Delete Project
- Rename

Add description Disable Project

#### Build History

trend ▾

No builds

Atom feed for all Atom feed for failures

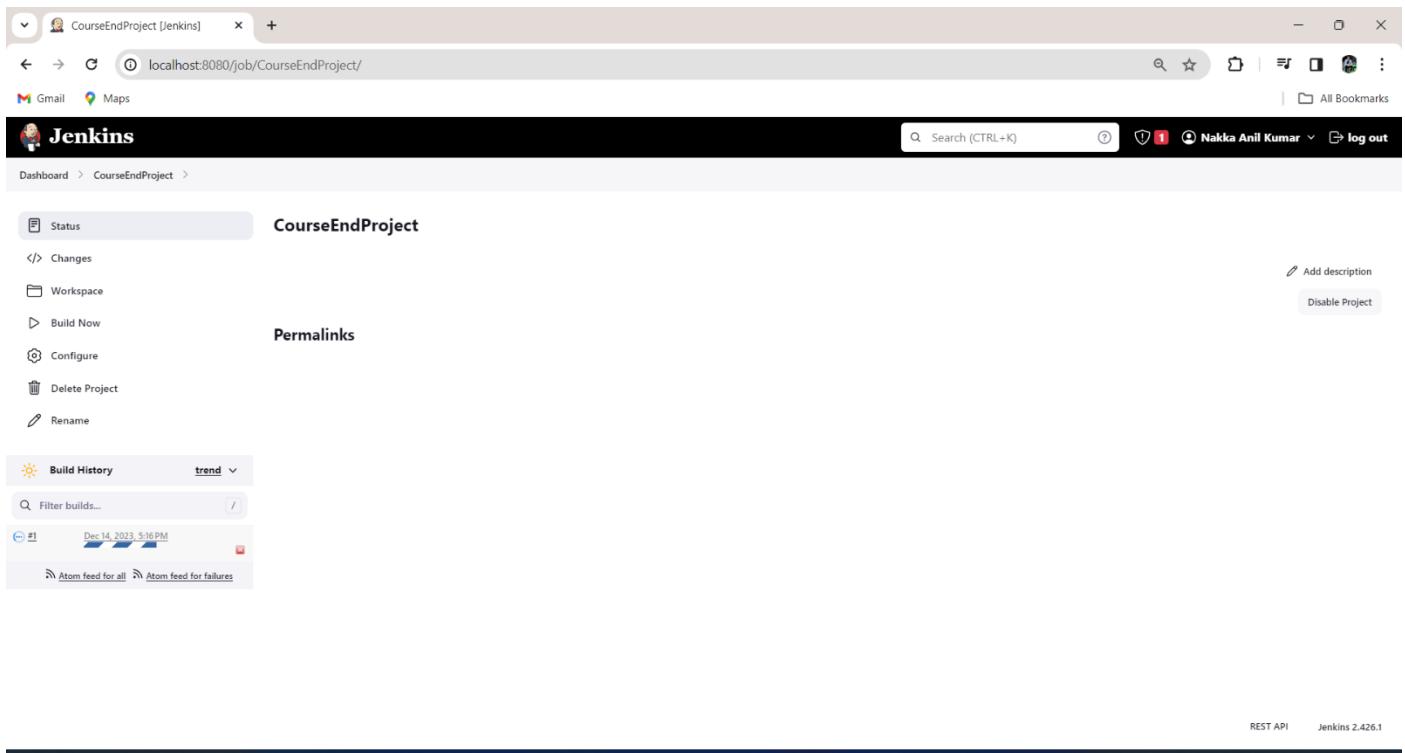
REST API Jenkins 2.426.1

localhost:8080/job/CourseEndProject/build?delay=0sec

Breaking news Unfolding now

Search

ENG IN 14-12-2023



CourseEndProject [Jenkins] + X

localhost:8080/job/CourseEndProject/

Gmail Maps

**Jenkins**

Dashboard > CourseEndProject >

Status Changes Workspace Build Now Configure Delete Project Rename

**CourseEndProject**

Permalinks

**Build History** trend ▼

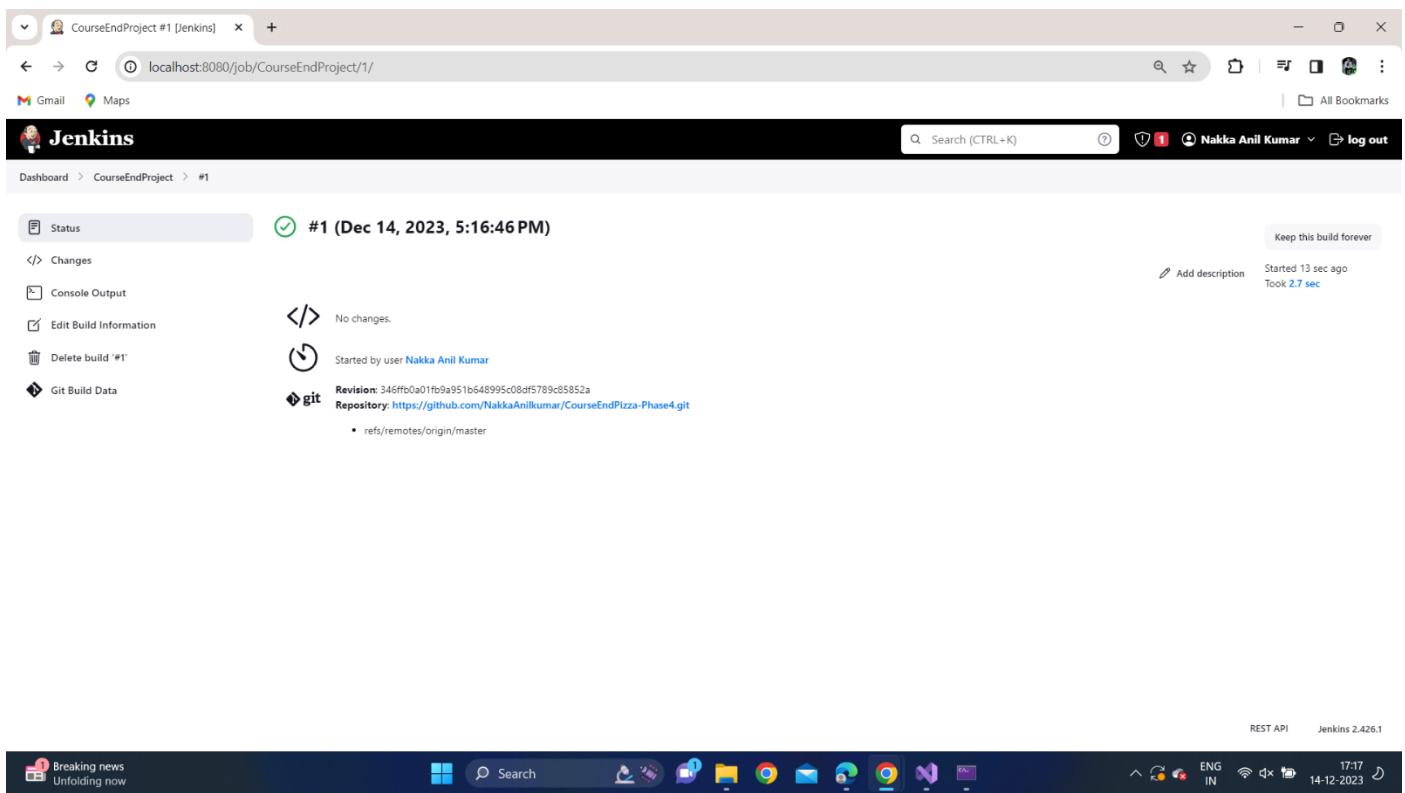
Filter builds... /

Dec 14, 2023, 5:16 PM

#1 Atom feed for all Atom feed for failures

Add description Disable Project

REST API Jenkins 2.426.1



CourseEndProject #1 [Jenkins] + X

localhost:8080/job/CourseEndProject/1/

Gmail Maps

**Jenkins**

Dashboard > CourseEndProject > #1

Status Changes Console Output Edit Build Information Delete build '#1' Git Build Data

**#1 (Dec 14, 2023, 5:16:46 PM)**

Keep this build forever

Add description Started 13 sec ago Took 2.7 sec

</> No changes.

Started by user Nakka Anil Kumar

git Revision: 346ffb0a01fb9a951b648995c08df5789c85852a  
Repository: https://github.com/NakkaAnilkumar/CourseEndPizza-Phase4.git  
refs/remotes/origin/master

REST API Jenkins 2.426.1

CourseEndProject #1 Console | +

localhost:8080/job/CourseEndProject/1/console

Gmail Maps

**Jenkins**

Dashboard > CourseEndProject > #1 > Console Output

**Console Output**

Started by user Nakka Anil Kumar  
Running as SYSTEM  
Building in workspace C:\ProgramData\Jenkins\jenkins\workspace\CourseEndProject  
The recommended git tool is: NONE  
using credential a7fecdf8-ad55-4e25-b3f1-4be3caf9c0ef  
Cloning the remote Git repository  
Cloning repository https://github.com/NakkaAnilkumar/CourseEndPizza-Phase4.git  
> git.exe init C:\ProgramData\Jenkins\jenkins\workspace\CourseEndProject # timeout=10  
Fetching upstream changes from https://github.com/NakkaAnilkumar/CourseEndPizza-Phase4.git  
> git.exe --version # timeout=10  
> git --version # 'git' version 2.42.0.windows.2'  
using GIT\_ASKPASS to set credentials  
> git.exe fetch --tags --force --progress -- https://github.com/NakkaAnilkumar/CourseEndPizza-Phase4.git +refs/heads/\*:refs/remotes/origin/\* # timeout=10  
> git.exe config remote.origin.url https://github.com/NakkaAnilkumar/CourseEndPizza-Phase4.git # timeout=10  
> git.exe config --add remote.origin.fetch +refs/heads/\*:refs/remotes/origin/\* # timeout=10  
git.exe config  
Avoid second fetch  
> git.exe rev-parse "refs/remotes/origin/master^{commit}" # timeout=10  
Checking out Revision 346ffbd0a01fb9a951b648995c08df5789c85852a (refs/remotes/origin/master)  
> git.exe config core.sparsecheckout # timeout=10  
> git.exe checkout -f 346ffbd0a01fb9a951b648995c08df5789c85852a # timeout=10  
Commit message: "Add project files."  
First time build. Skipping changelog.  
Finished: SUCCESS

