Screenshot and Output

Create a virtual machine

Azure services

+ Create a resource	Quickstart Center	Virtual machines		Azure Cosmos DB	Kubernetes services	Function App	→ More services

Virtual machines ★

+ Create ∨   View

Home >

Virtual machines

Simplilearn HOL 100456 (simplilearnhol100456.onmicrosoft.com)

+ Create ∨ ⇄ Switch to classic ⊘ Reservations ∨ ⚙ Manage view ∨ ↻ Refresh ↓ Export to CSV ⤴ Open query | ⊘ Assign tags ▷ Start ↺ Restart ☐ Stop 🗑 Delete ☰ Services ∨ ✎

Filter for any field...   Subscription equals **all**   Type equals **all**   Resource group equals **all** ✕   Location equals **all** ✕   +∀ Add filter

Showing 0 to 0 of 0 records.

Name ↑↓	Type ↑↓	Subscription ↑↓	Resource group ↑↓	Location ↑↓	Status ↑↓	Operating system ↑↓

No virtual machines to display

Create a virtual machine that runs Linux or Windows. Select an image from the marketplace or use your own customized image.

Create ∨

Learn more about Windows virtual machines ⧉

Learn more about Linux virtual machines ⧉

☰   **Microsoft Azure**   🔍 Search resources, services, and docs (G+/)

Home >

Virtual machines

Simplilearn HOL 100456 (simplilearnhol100456.onmicrosoft.com)

+ Create ∨ ⇄ Switch to classic ⊘ Reservations ∨ ⚙ Manage view ∨ ↻ Refresh ↓ Export to CSV ⤴ Open query | ⊘ Assign tags ▷ Start ↺ Restart ☐ Stop 🗑 Delete ☰ Servic

Azure virtual machine
Create a virtual machine hosted by Azure

Azure virtual machine with preset configuration
Create a virtual machine with presets based on your workloads

More VMs and related solutions
Discover and deploy full workloads and Azure products for your business needs

Type equals **all**   Resource group equals **all** ✕   Location equals **all** ✕   +∀ Add filter

	Type ↑↓	Subscription ↑↓	Resource group ↑↓	Location ↑↓	Status ↑↓	Operating sys

No virtual machines to display

Create a virtual machine that runs Linux or Windows. Select an image from the marketplace or use your own customized image.

Create ∨

Learn more about Windows virtual machines ⧉

Learn more about Linux virtual machines ⧉

Give the required details

Create a virtual machine   ...

your resources.

Subscription * ⓘ	Simplilearn HOL 100456 ∨
Resource group * ⓘ	ODL-azure-1076119 ∨

Create new

Instance details

Virtual machine name * ⓘ	mynewVM3058 ✓
Region * ⓘ	(US) East US ∨
Availability options ⓘ	No infrastructure redundancy required ∨
Security type ⓘ	Trusted launch virtual machines ∨

Configure security features

Image * ⓘ	⊞ Windows Server 2016 Datacenter - x64 Gen2 ∨

See all images | Configure VM generation

VM architecture ⓘ

○ Arm64

◉ x64

ℹ Arm64 is not supported with the selected image.

Select a VM Size

Select a VM size   ...   ✕

🔍 Search by VM size...	Display cost : **Monthly**	vCPUs : **All**	RAM (GiB) : **All**	⊞ Add filter

Showing 778 VM sizes. | Subscription: Simplilearn HOL 100456 | Region: East US | Current size: Standard_D2s_v3 | Image: Windows Server 2016 Datacenter | Learn more about VM sizes ⌕

Group by series ∨

VM Size ↑↓	Type ↑↓	vCPUs ↑↓	RAM (GiB) ↑↓	Data disks ↑↓	Max IOPS ↑↓	Temp storage (GiB) ↑↓	Premium disk ↑↓	Cost/month ↑↓
⌄ Most used by Azure users⬈		The most used sizes by users in Azure						
B2s ⬈	General purpose	2	4	4	1280	8	Supported	Unavailable
B1s ⬈	General purpose	1	1	2	320	4	Supported	Unavailable
B2ms ⬈	General purpose	2	8	4	1920	16	Supported	Unavailable
⌄ B-Series		Ideal for workloads that do not need continuous full CPU performance						
⌄ Unsupported image		These sizes are not supported with the selected image						
⌄ Blocked by Policy ⓘ		Your organization has Azure Policies in place that restrict these sizes.						

Give the administrator details

Size * ⓘ

Standard_B2s - 2 vcpus, 4 GiB memory (Price unavailable) ⌄

See all sizes

ⓘ Item(s) availability based on policy assignment(s) for the selected scope.
azure14123-PolicyDefinition (Policy details)

Administrator account

Username * ⓘ   admin123 ✓

Password * ⓘ   ••••••••••••• ✓

Confirm password * ⓘ   ••••••••••••• ✓

Inbound port rules

Select which virtual machine network ports are accessible from the public internet. You can specify more limited or granular network access on the Networking tab.

Public inbound ports * ⓘ   ◯ None

                                             ● Allow selected ports

Select inbound ports *   RDP (3389) ⌄

ⓘ All traffic from the internet will be blocked by default. You will be able to change inbound port rules in the VM > Networking page.

Licensing

[Review + create]   [< Previous]   [Next : Disks >]

Choose the OS Disk

Basics   **Disks**   Networking   Management   Monitoring   Advanced   Tags   Review + create

Azure VMs have one operating system disk and a temporary disk for short-term storage. You can attach additional data disks. The size of the VM determines the type of storage you can use and the number of data disks allowed. Learn more ⧉

VM disk encryption

Azure disk storage encryption automatically encrypts your data stored on Azure managed disks (OS and data disks) at rest by default when persisting it to the cloud.

Encryption at host ⓘ   ☐

ⓘ Encryption at host is not registered for the selected subscription.
Learn more about enabling this feature ⧉

OS disk

OS disk type * ⓘ   Standard HDD (locally-redundant storage) ⌄

The selected VM size supports premium disks. We recommend Premium SSD for high IOPS workloads. Virtual machines with Premium SSD disks qualify for the 99.9% connectivity SLA.

Delete with VM ⓘ   ☑

Key management ⓘ   Platform-managed key ⌄

Enable Ultra Disk compatibility ⓘ   ☐
Ultra disk is not supported with selected security type.

Data disks for mynewVM3058

You can add and configure additional data disks for your virtual machine or attach existing disks. This VM also comes with a temporary disk.

LUN	Name	Size (GiB)	Disk type	Host caching	Delete with VM ⓘ

Create and attach a new disk   Attach an existing disk

[Review + create]   [< Previous]   [Next : Networking >]

Click Create

Create a virtual machine   …

✅ Validation passed

Basics   Disks   Networking   Management   Monitoring   Advanced   Tags   **Review + create**

ℹ️ Cost given below is an estimate and not the final price. Please use Pricing calculator ⧉ for all your pricing needs.

Price

1 X Standard B2s
by Microsoft
Terms of use | Privacy policy

Pricing not available for this offering

TERMS

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; and (b) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. See the Azure Marketplace Terms for additional details.

⚠️ **You have set RDP port(s) open to the internet.** This is only recommended for testing. If you want to change this setting, go back to Basics tab.

Basics

Subscription	Simplilearn HOL 100456
Resource group	ODL-azure-1076119
Virtual machine name	mynewVM3058
Region	East US
Availability options	No infrastructure redundancy required
Security type	Trusted launch virtual machines

Create   < Previous   Next >   Download a template for automation

Click go to resource

Home >

🟢 **CreateVm-MicrosoftWindowsServer.WindowsServer-201-20230921133444** | Overview   📌 …
Deployment

🔍 Search   «

🗑 Delete   ⊘ Cancel   ⬆ Redeploy   ⬇ Download   🔄 Refresh

- 👤 Overview
- 📋 Inputs
- 📑 Outputs
- 📄 Template

✅ Your deployment is complete

Deployment name: CreateVm-MicrosoftWindowsServer.WindowsSe...   Start time: 9/21/2023, 1:37:10 PM
Subscription: Simplilearn HOL 100456   Correlation ID: ba898eb3-5685-482d-a177-c9a71c568c05 📋
Resource group: ODL-azure-1076119

⌄ Deployment details

∧ Next steps

Setup auto-shutdown   Recommended
Monitor VM health, performance and network dependencies   Recommended
Run a script inside the virtual machine   Recommended

Go to resource   Create another VM

Give feedback

⇗ Tell us about your experience with deployment

Click select

mynewVM3058 | Connect ☆ ⋯
Virtual machine

🔍 Search   «

- 🖥 Overview
- 📋 Activity log
- 🔐 Access control (IAM)
- 🏷 Tags
- ✖ Diagnose and solve problems

Settings

- 🖧 Networking
- 🔌 Connect
- 🖥 Windows Admin Center
- 💽 Disks
- 🖥 Size
- 🛡 Microsoft Defender for Cloud
- ☁ Advisor recommendations
- 🗔 Extensions + applications
- 🔄 Availability + scaling
- 🧰 Configuration
- 🔑 Identity
- ⫼ Properties
- 🔒 Locks

Operations

- ✖ Bastion
- 🕐 Auto-shutdown
- 🔄 Backup
- 🔄 Disaster recovery

🔄 Refresh   🧑 Troubleshooting ∨   📑 More Options ∨   🗨 Feedback

🖳   Connecting using public IP address
20.39.54.109   ∨

Admin username	: admin123
Port (change)	: 3389 Check access ⓘ
Just-in-time policy	: Unsupported by plan ⓘ

Most common

🖥   `Local machine`

Native RDP

Connect via native RDP without any additional software needed. Recommended for testing only.

Public IP address (20.39.54.109)

[**Select**]

∨ More ways to connect (4)

Click download RDP file

Give the correct admin details

Click yes
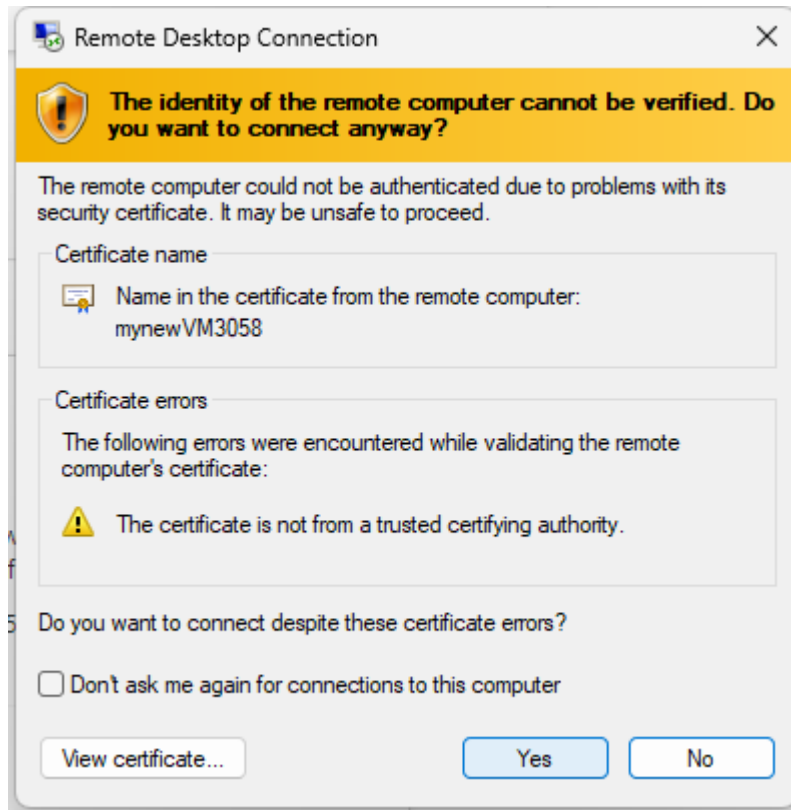
This the landing window

Create a Web App

Create Web App ···

Basics   Deployment   Networking   Monitoring   Tags   Review + create

App Service Web Apps lets you quickly build, deploy, and scale enterprise-grade web, mobile, and API apps running on any platform. Meet rigorous performance, scalability, security and compliance requirements while using a fully managed platform to perform infrastructure maintenance. Learn more

Project Details

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

Subscription * ⓘ	Simplilearn HOL 100495
Resource Group * ⓘ	ODL-azure-1076781

Create new

Instance Details

Need a database? Try the new Web + Database experience. ⧉

Name *	newWebapp3058 ✓

.azurewebsites.net

Publish *   ◉ Code   ◯ Docker Container   ◯ Static Web App

Runtime stack *	.NET 7 (STS)

Operating System *   ◯ Linux   ◉ Windows

Region *	East US

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

Pricing plans

App Service plan pricing tier determines the location, features, cost and compute resources associated with your app. Learn more ⧉

Windows Plan (East US) * ⓘ	(New) ASP-ODLazure1076781-9af4

[Review + create]   [< Previous]   [Next : Deployment >]

Give the required details

Click Create

Create Web App …

Summary

🌐 **Web App**
by Microsoft

| **Basic (B1) sku**
Estimated price - Failed to load

Details

Subscription	ac2ded5d-0310-48af-9326-18b2b424435b
Resource Group	ODL-azure-1076781
Name	newWebapp3058
Publish	Code
Runtime stack	.NET 7 (STS)

App Service Plan (New)

Name	ASP-ODLazure1076781-9af4
Operating System	Windows
Region	East US
SKU	Basic
Size	Small
ACU	100 total ACU
Memory	1.75 GB memory

Monitoring (New)

Application Insights	Enabled
Name	newWebapp3058
Region	East US

Deployment

Continuous deployment	Not enabled / Set up after app creation

Create   < Previous   Next >   Download a template for automation

Click Download publish profile
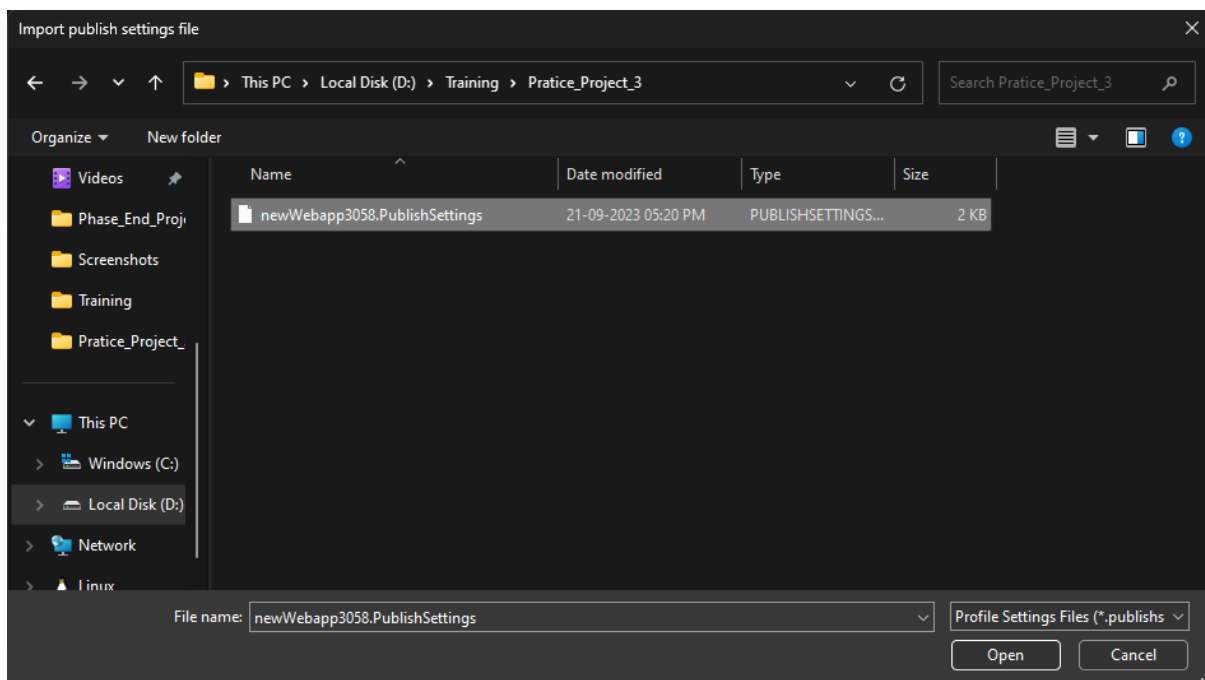

Choose the path and click Save

Click Next
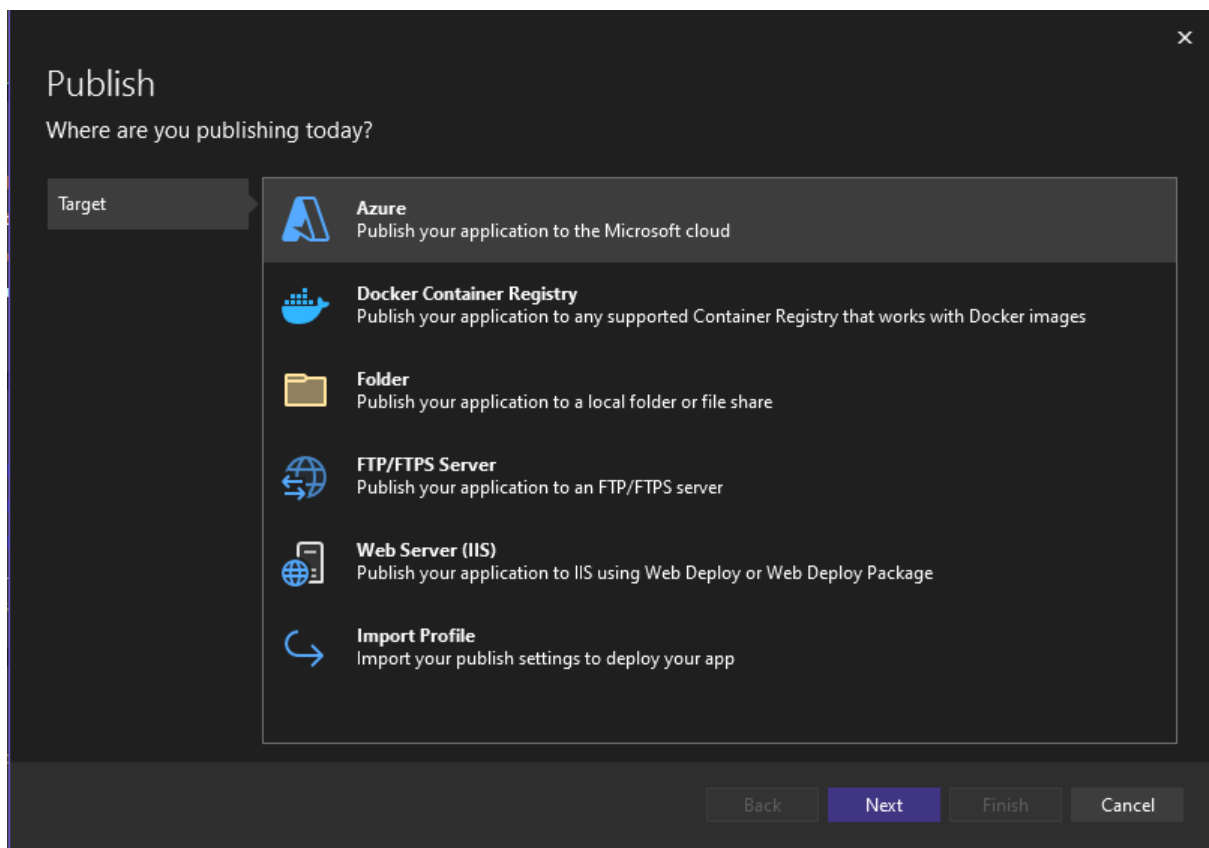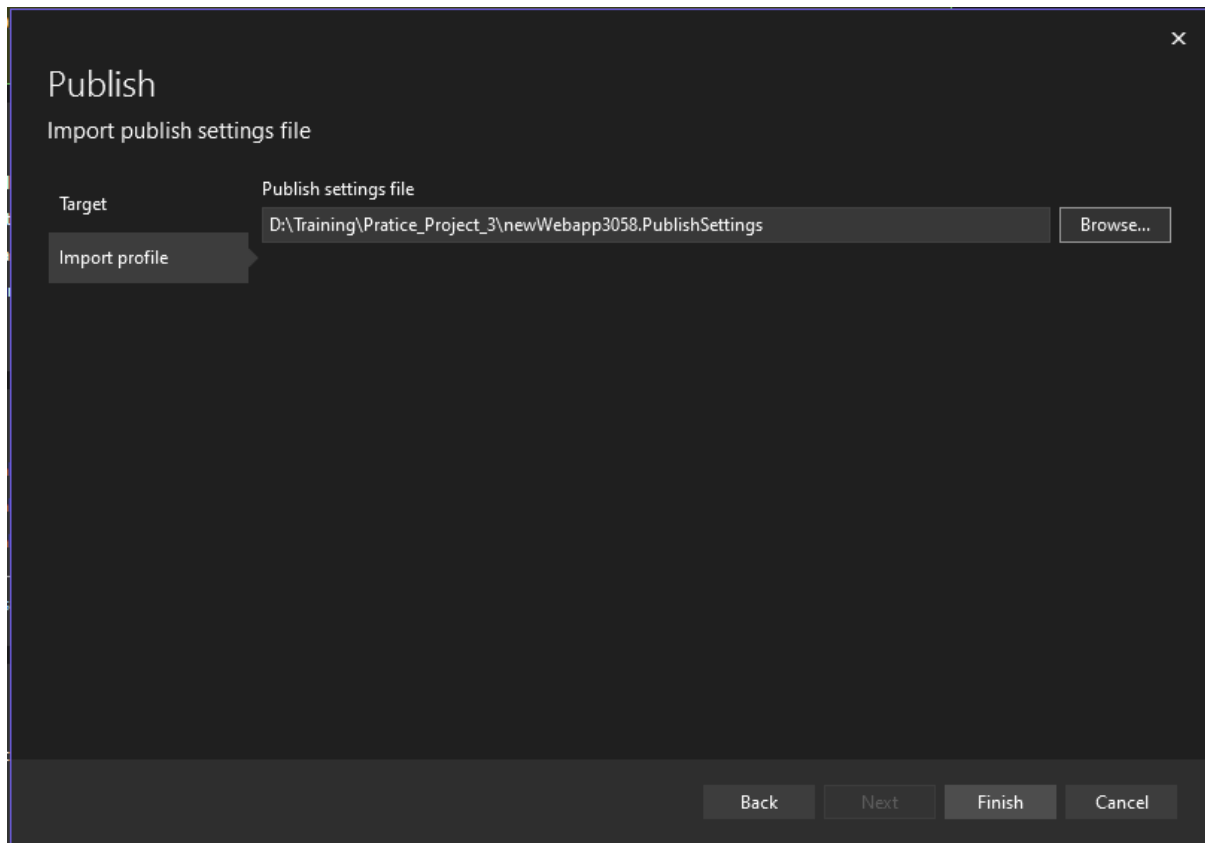

Click Import profile
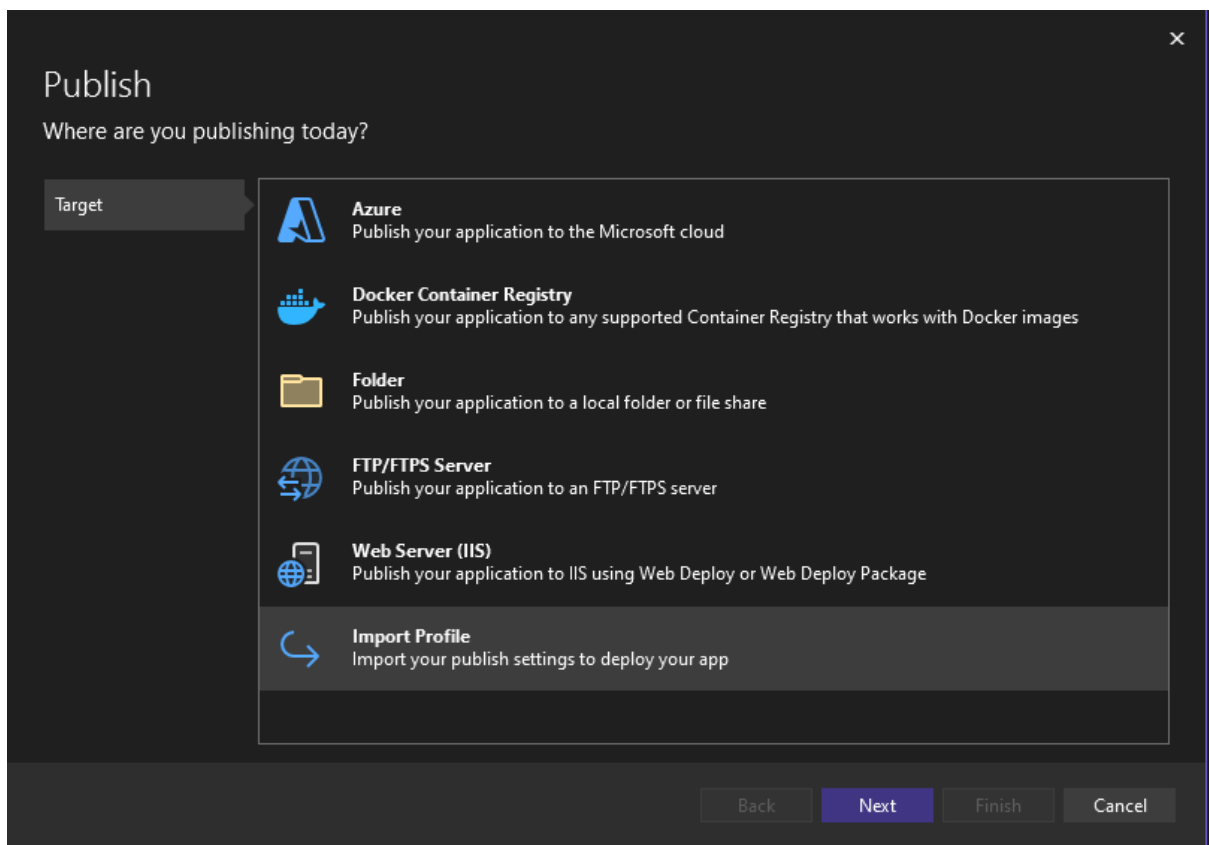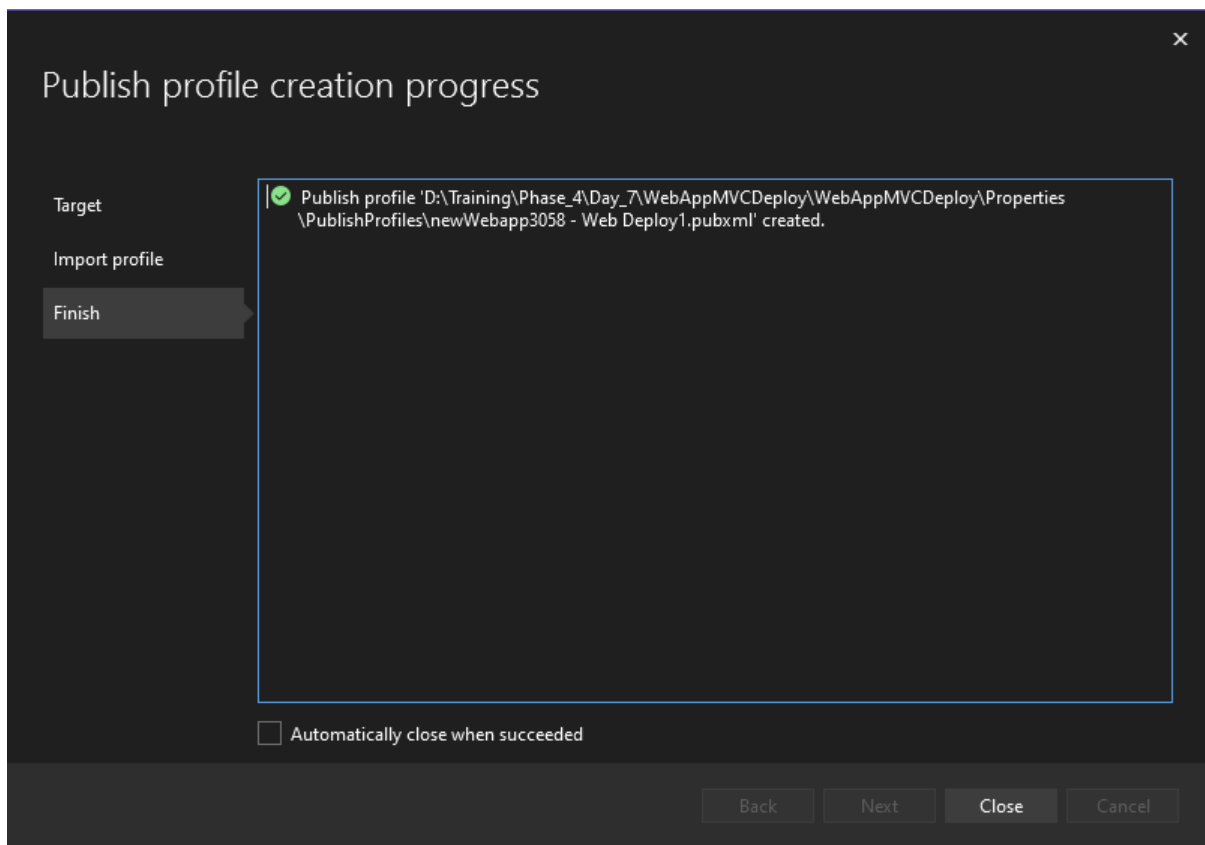
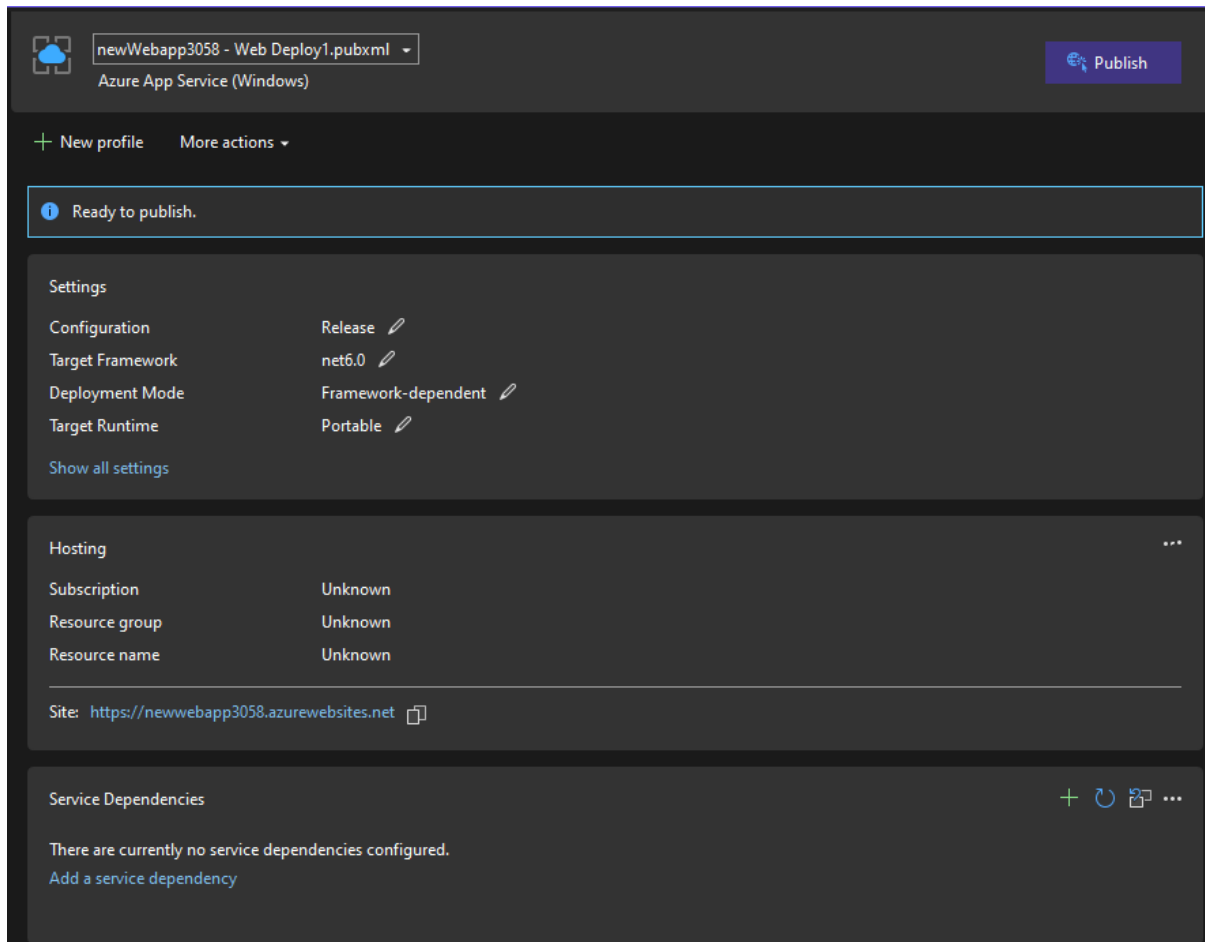**Click Browse**
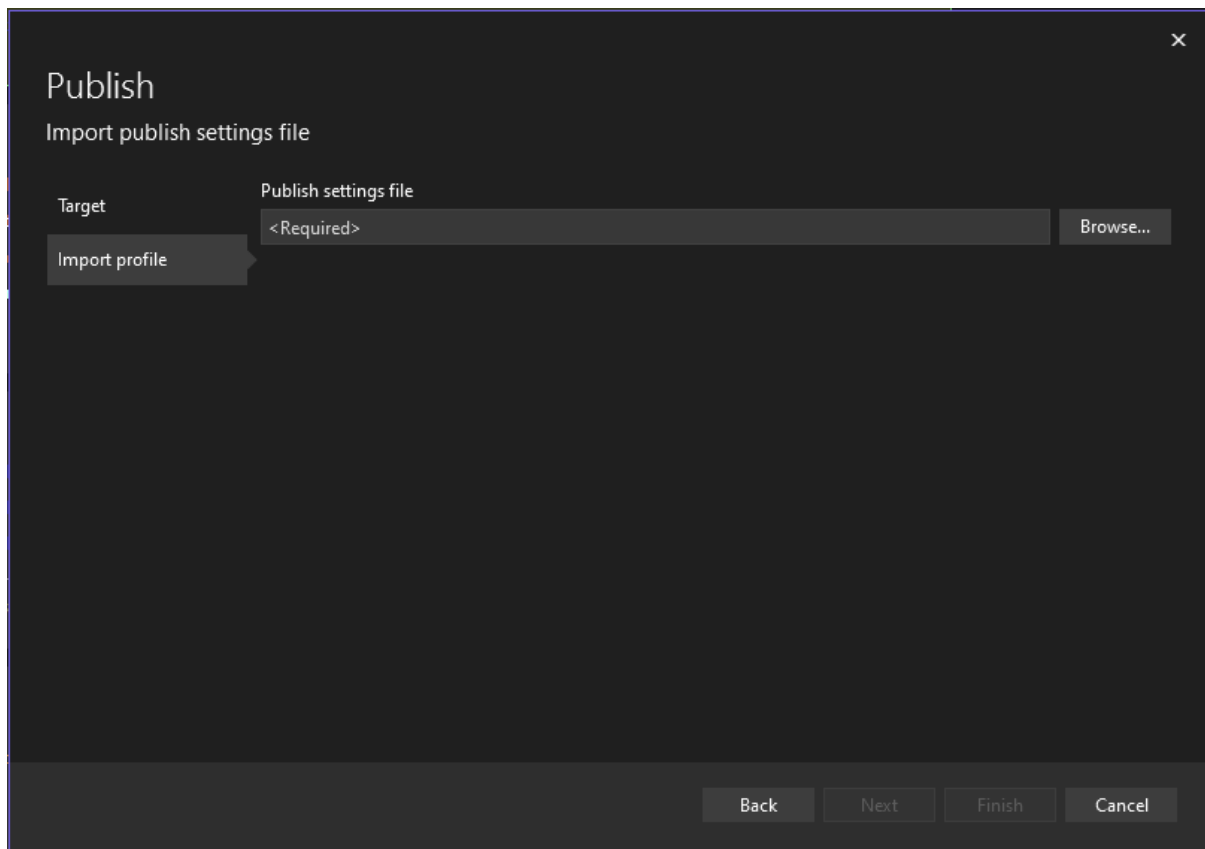
Search for the downloaded profile, then open
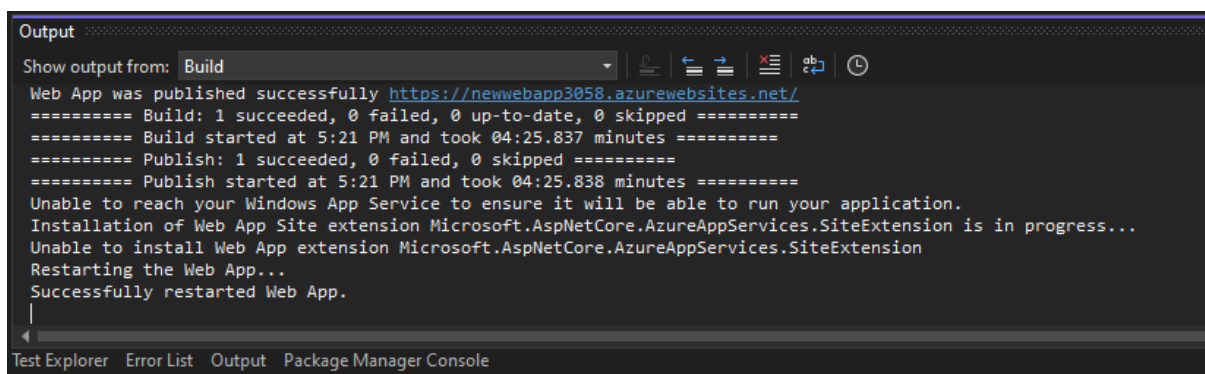
Click Finish

Click close

Click Publish

Build Successful

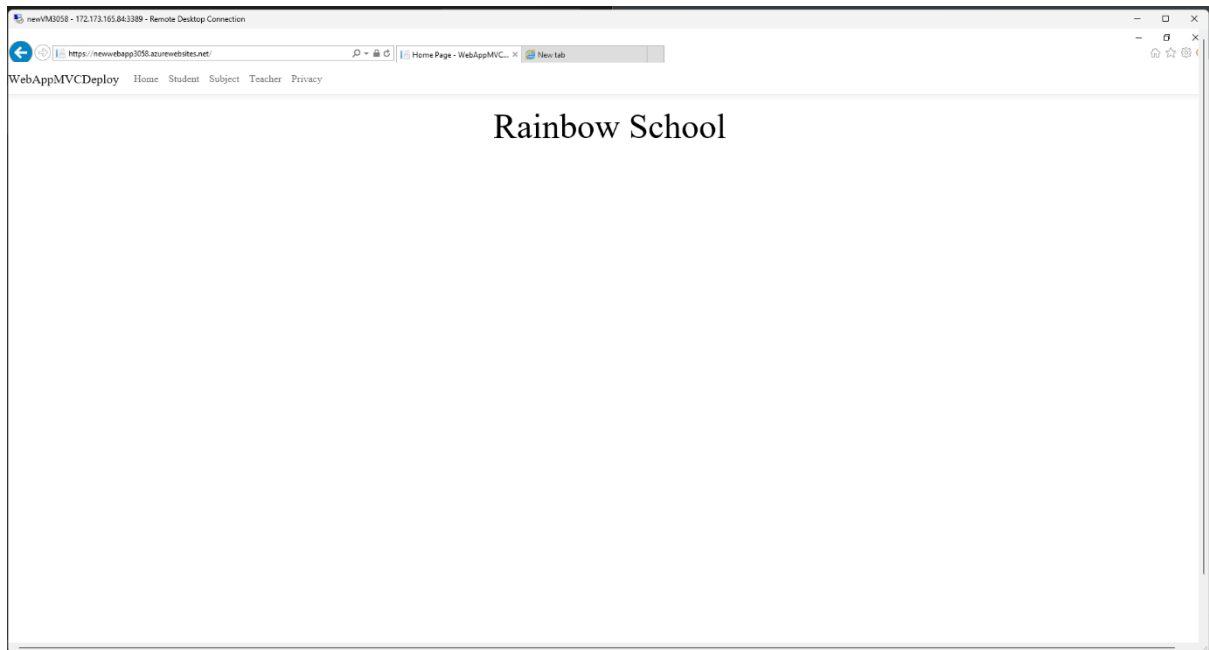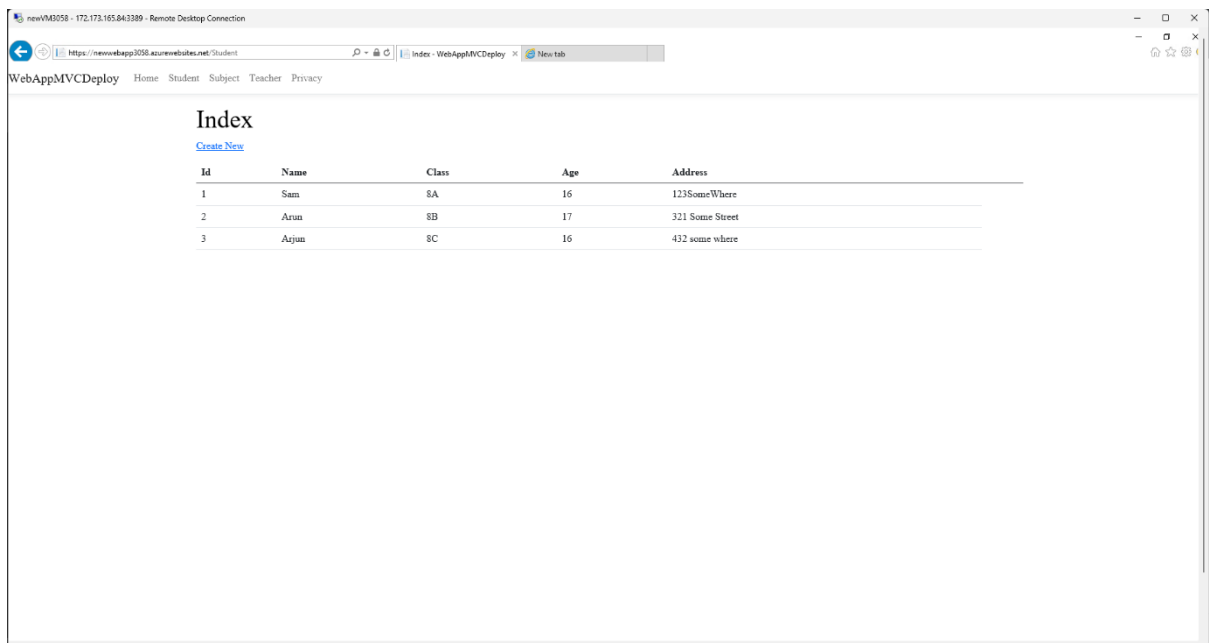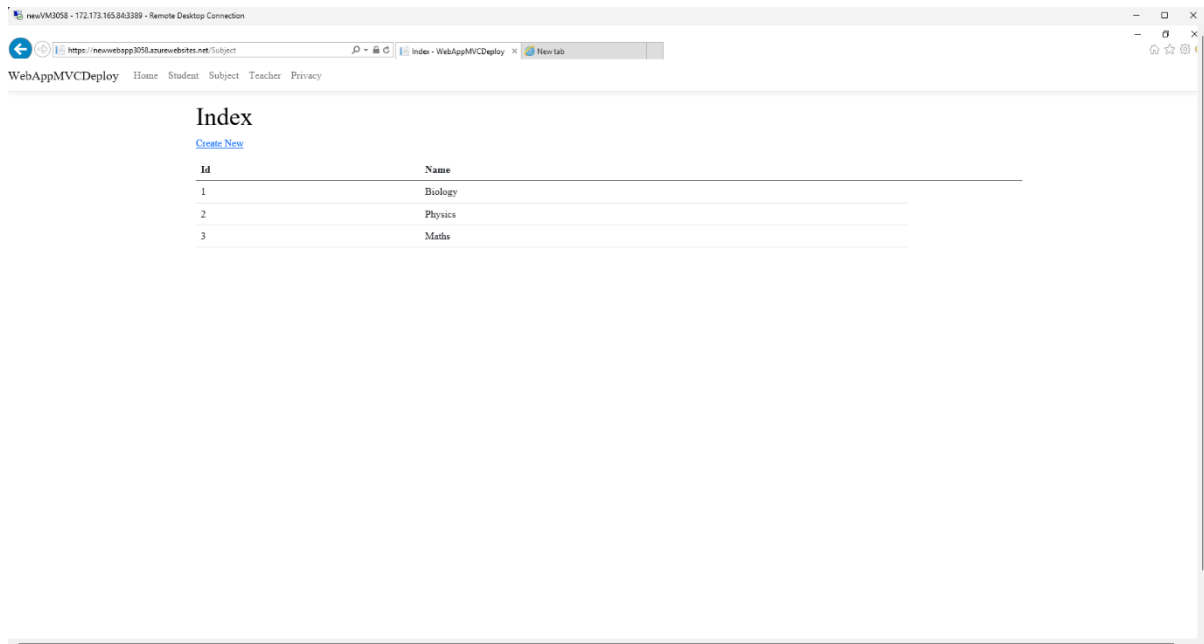# Copy the URL and paste it in the Virtual machine's Browser

Landing page

Student page

Subject page

Teacher page