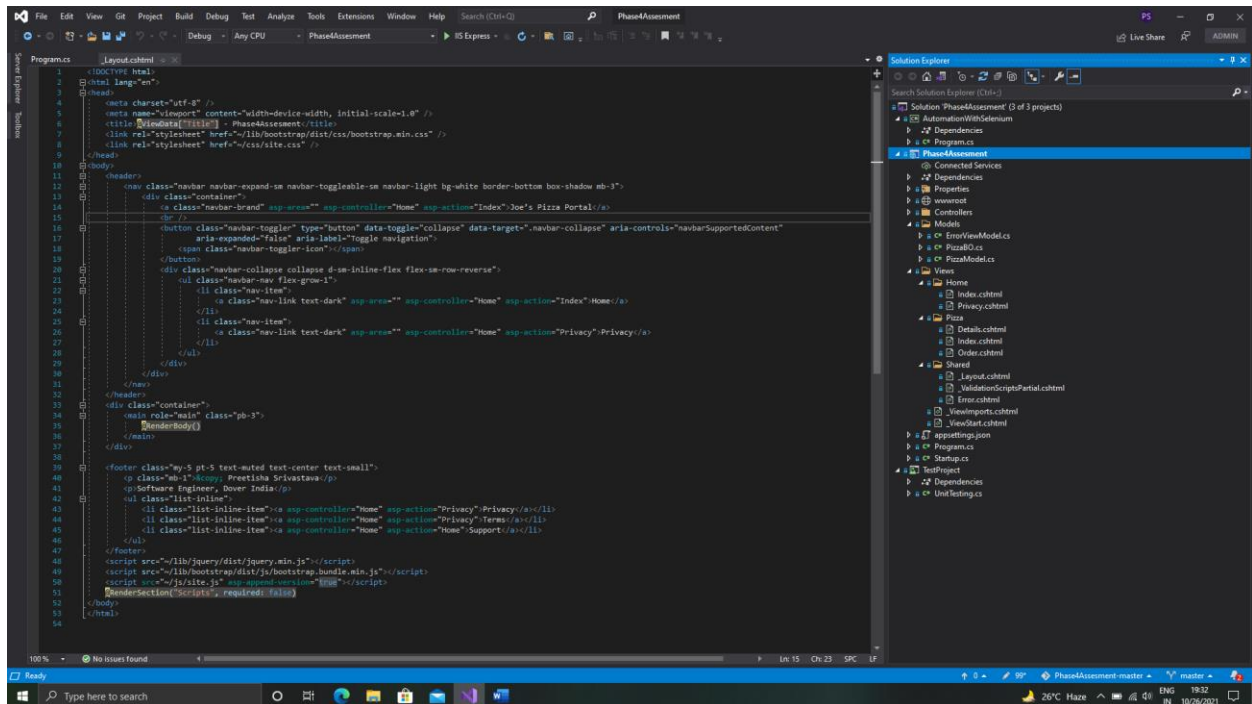


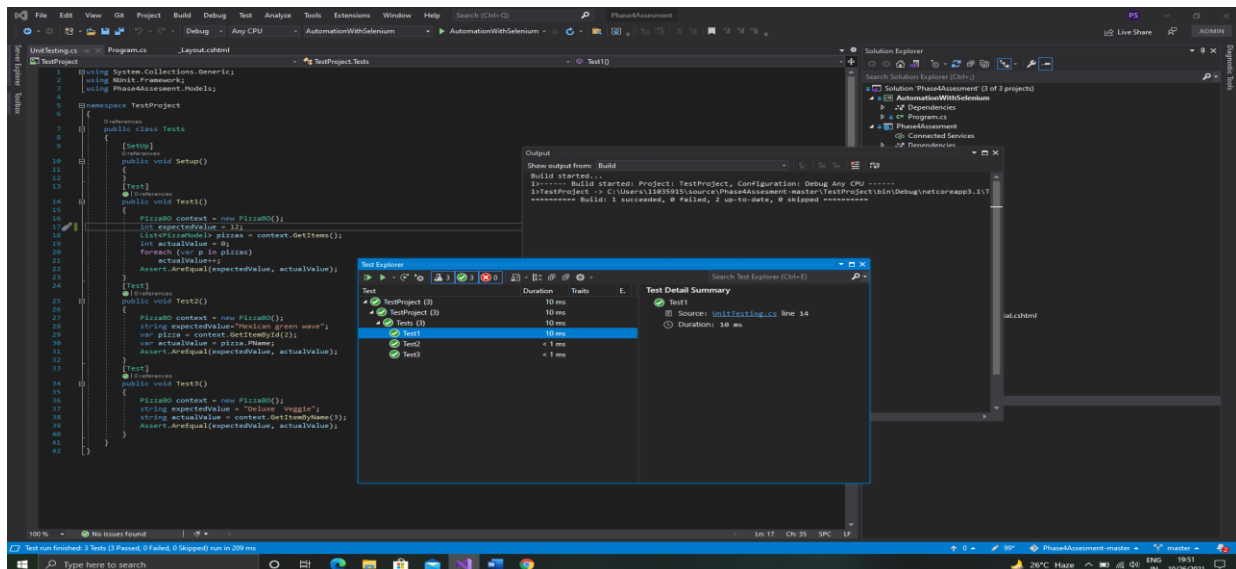
# OUTPUT SCREENSHOTS

## VISUAL STUDIO

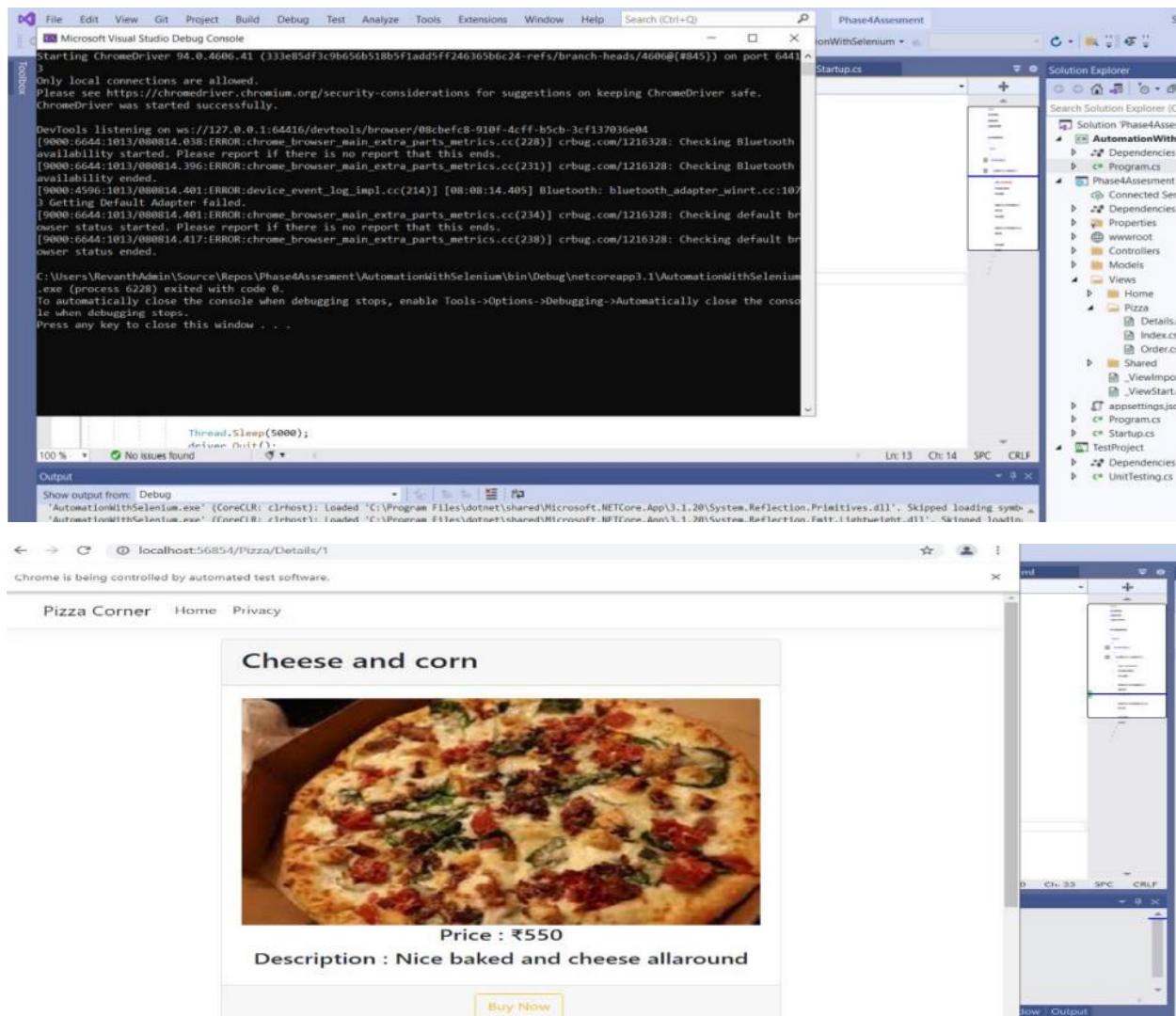
### 1. Source Code in Visual Studio, with Solution Explorer



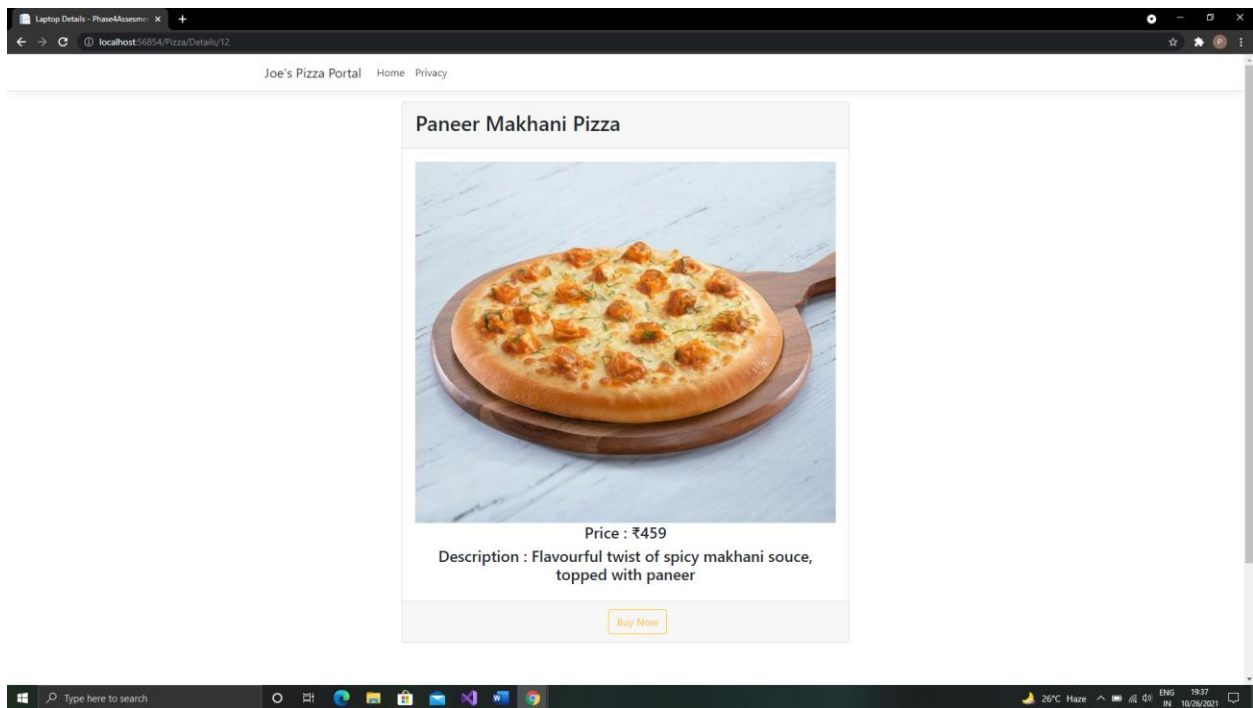
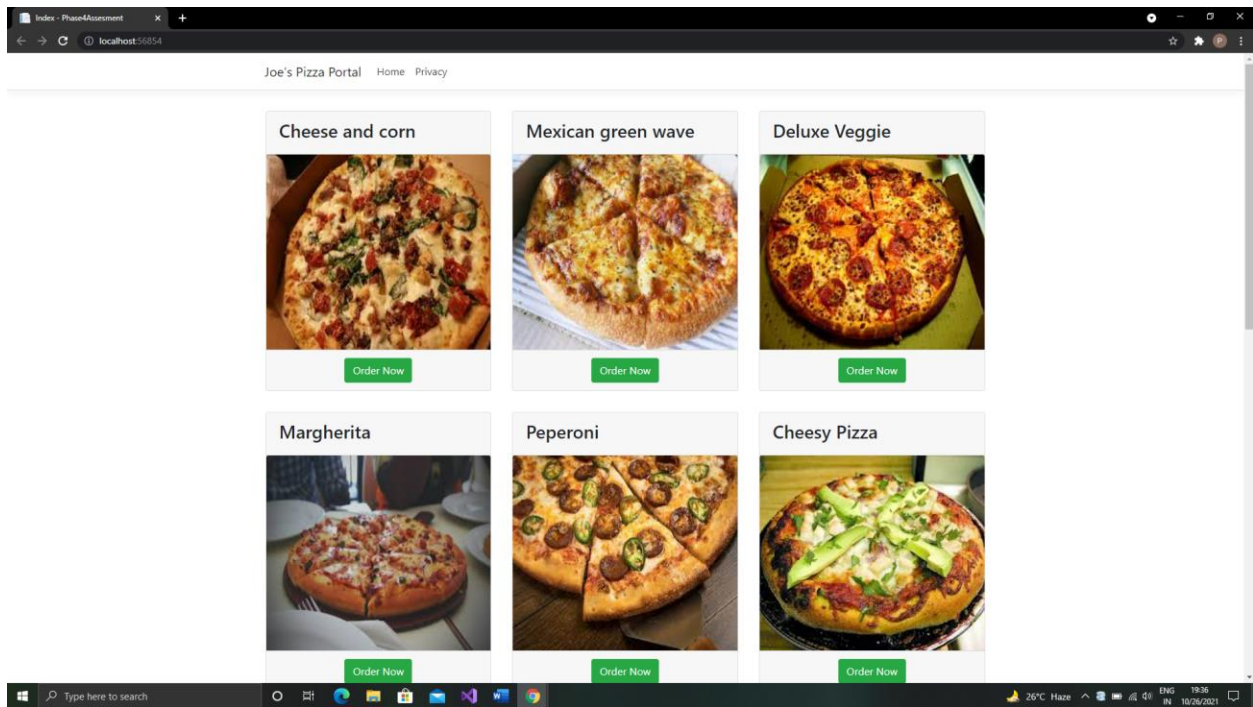
### 2. Testing output

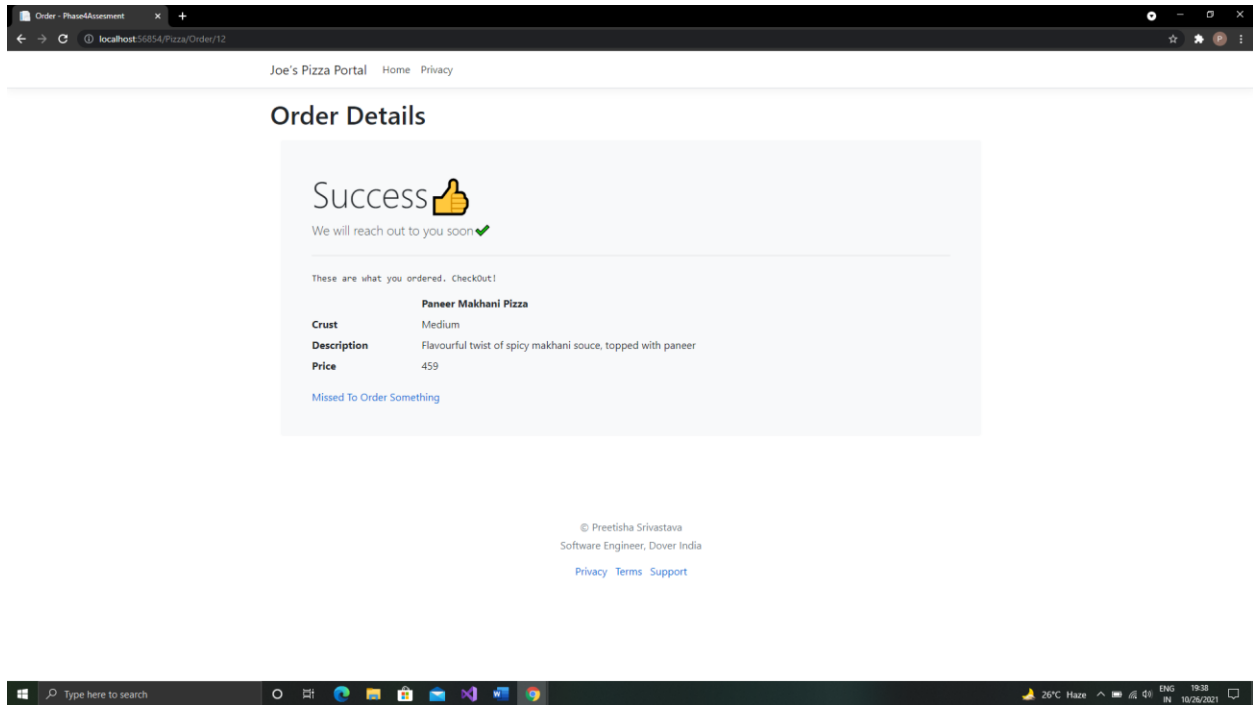


### 3. Output using Selenium



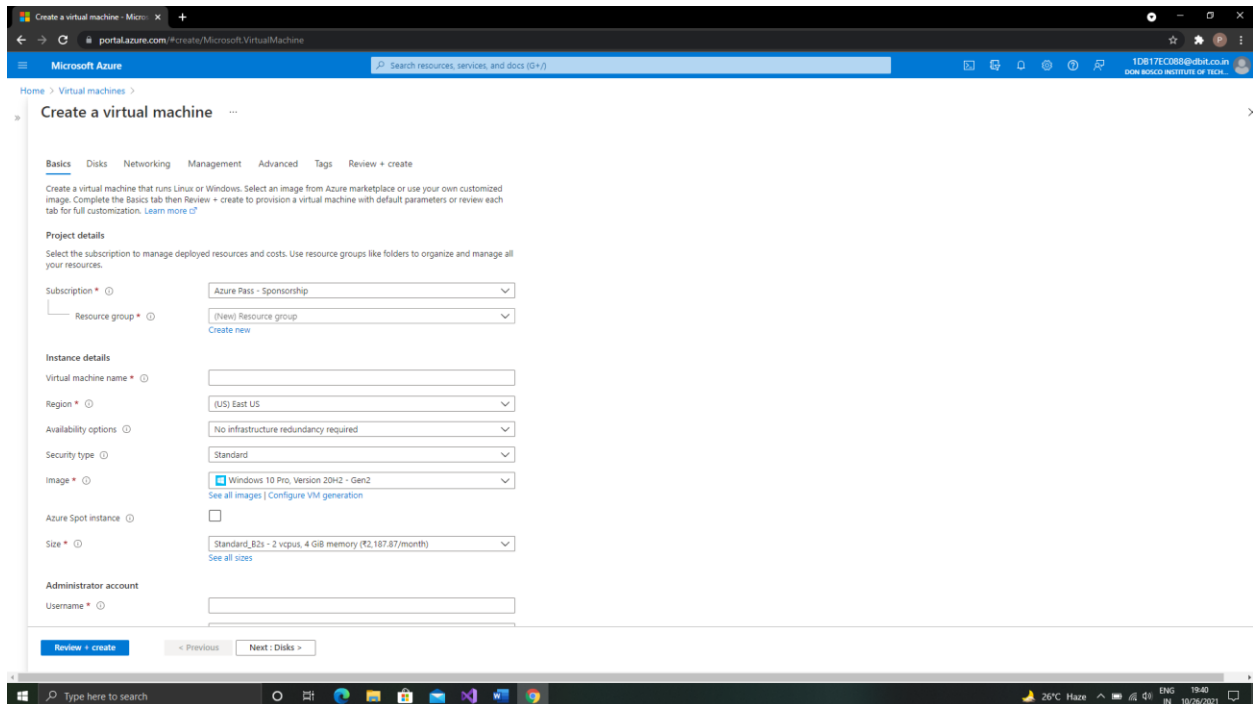
### 4. Website using IIS Express (in Visual Studio)





# VIRTUAL MACHINE (VM)

## 1. Creating a VM on Azure



The screenshot shows the 'Overview' page for the virtual machine 'JoeyPizzaVM' in the Azure portal. The left sidebar contains navigation options like Overview, Activity log, Access control (IAM), Tags, and Settings. The main content area is divided into 'Essentials' and 'Properties' sections.

**Essentials:**

- Resource group (Move): ProjectPhase4
- Status: Stopped (deallocated)
- Location: East US
- Subscription (Move): Azure Pass - Sponsorship
- Subscription ID: 9832c137-b77a-47e8-b285-733d72d61190
- Tags (Edit): Click here to add tags

**Properties:**

- Virtual machine:**
  - Computer name: JoeyPizzaVM
  - Health state: -
  - Operating system: Windows
  - Publisher: MicrosoftWindowsDesktop
  - Offer: Windows-10
  - Plan: 20H2-pro-g2
  - VM generation: V2
  - Host group: none
  - Host: -
  - Proximity placement group: -
  - Colocation status: N/A
  - Capacity reservation group: -
- Networking:**
  - Public IP address: JoeyPizzaVM-ip
  - Public IP address (IPv6): -
  - Private IP address: 10.1.0.4
  - Private IP address (IPv6): -
  - Virtual network/subnet: ProjectPhase4-vnet/default
  - DNS name: Configure
- Size:**
  - Size: Standard B2s
  - vCPUs: 2
  - RAM: 4 GiB
- Disk:**
  - OS disk: JoeyPizzaVM\_OsDisk\_1\_a6f67542f254e959a54308f2eb46a
  - Azure disk encryption: Not enabled
  - Ephemeral OS disk: N/A
  - Data disks: 0
- Availability - scaling:**
  - Availability zone: -
  - Scale set: -
- Security type:**
  - Trusted launch: Disabled

## 2. Adding Inbound security rule

The screenshot shows the 'Add inbound security rule' dialog in the Azure portal. The left sidebar is the same as the previous screenshot. The main content area shows the 'Networking' page for 'JoeyPizzaVM', with the 'Network interface: joeypizzavm796' selected. The 'Inbound port rules' table is visible, showing rules for RDP, Port\_8080, and AllowVnetInbound.

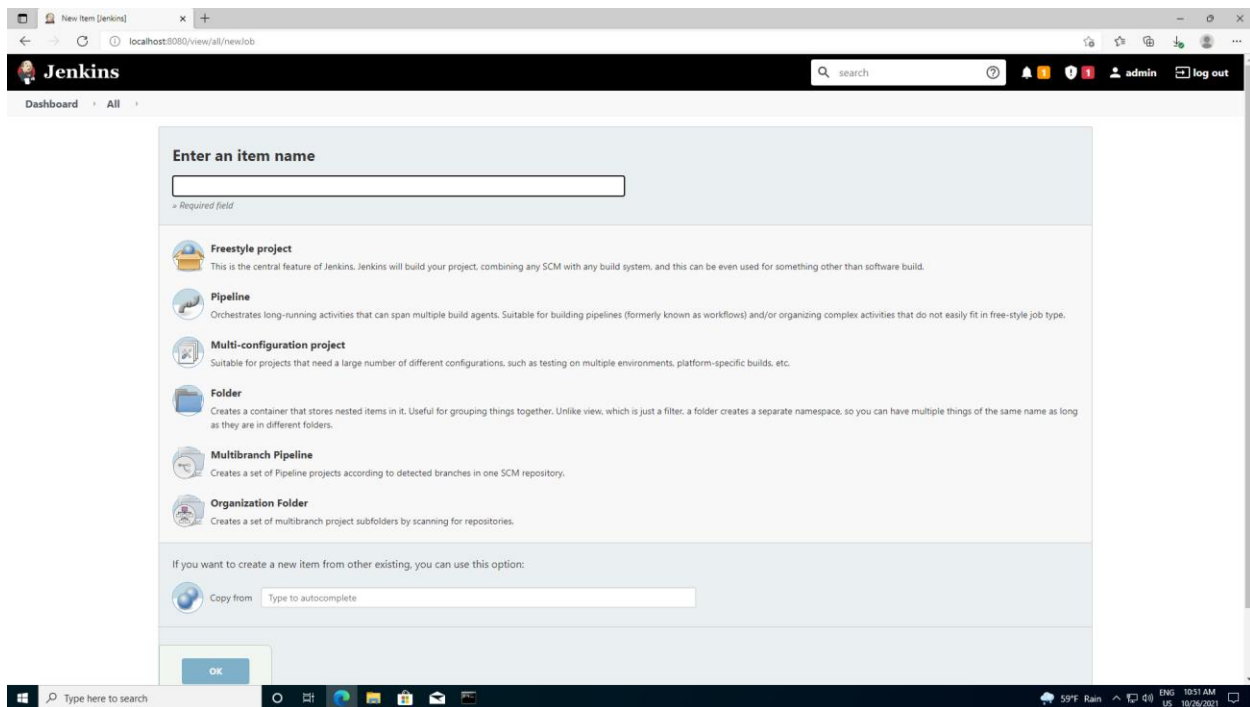
**Add inbound security rule dialog:**

- Source: Any
- Source port ranges: \*
- Destination: Any
- Service: Custom
- Destination port ranges: 8080
- Protocol: Any
- Action: Allow
- Priority: 320
- Name: Port\_8080
- Description: (empty)

# JENKINS ON VM

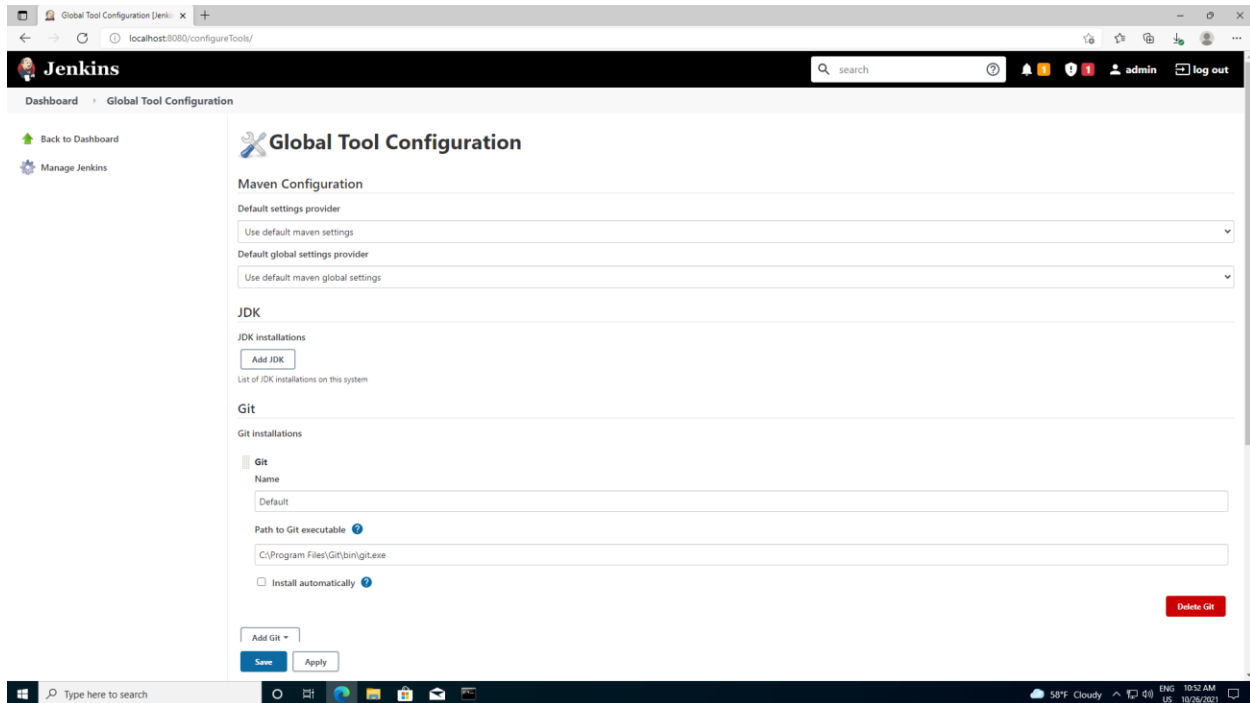
## 1. Operating Jenkins on the VM:

- For this, first download and install **.NET, Java-8, Git and Jenkins.war** on the Remote desktop.
- Do not extract the Jenkins file. Instead, use **java -jar <Jenkins file location>**
- Open the port **localhost:8080** in the browser in VM.
- For the first time, the admin password will appear on the command prompt only. Use that and login into the Jenkins dashboard.
- Then, create a new item with the desired name.



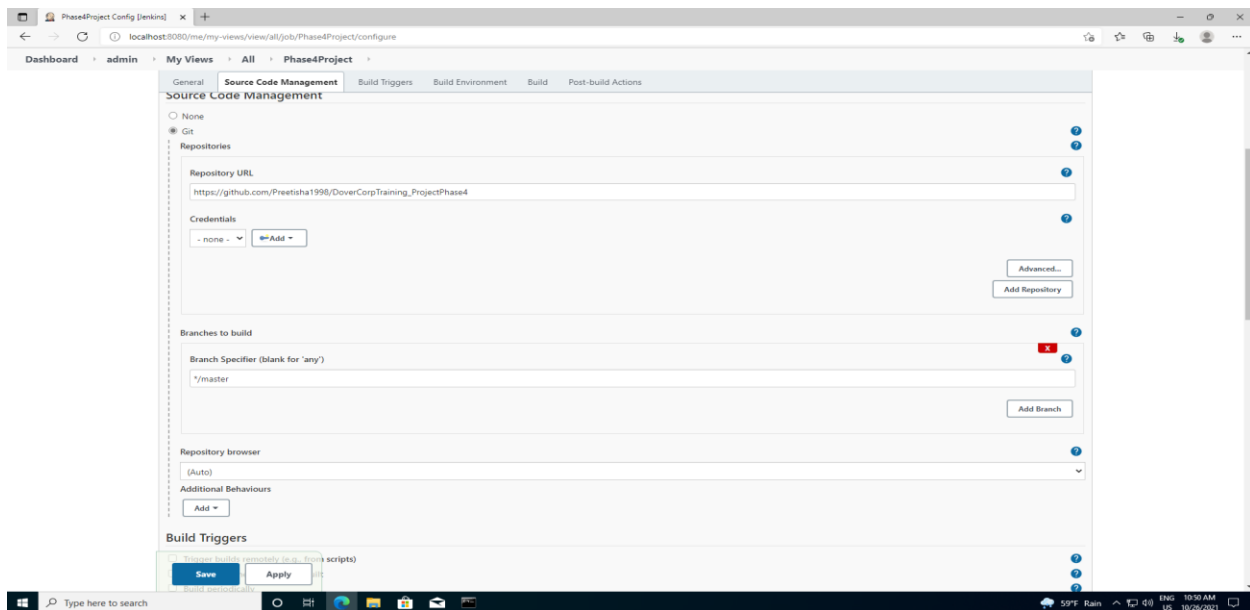
## 2. Global Configuration for GIT

- Open the location of Git in the C drive and paste the location of bin as shown

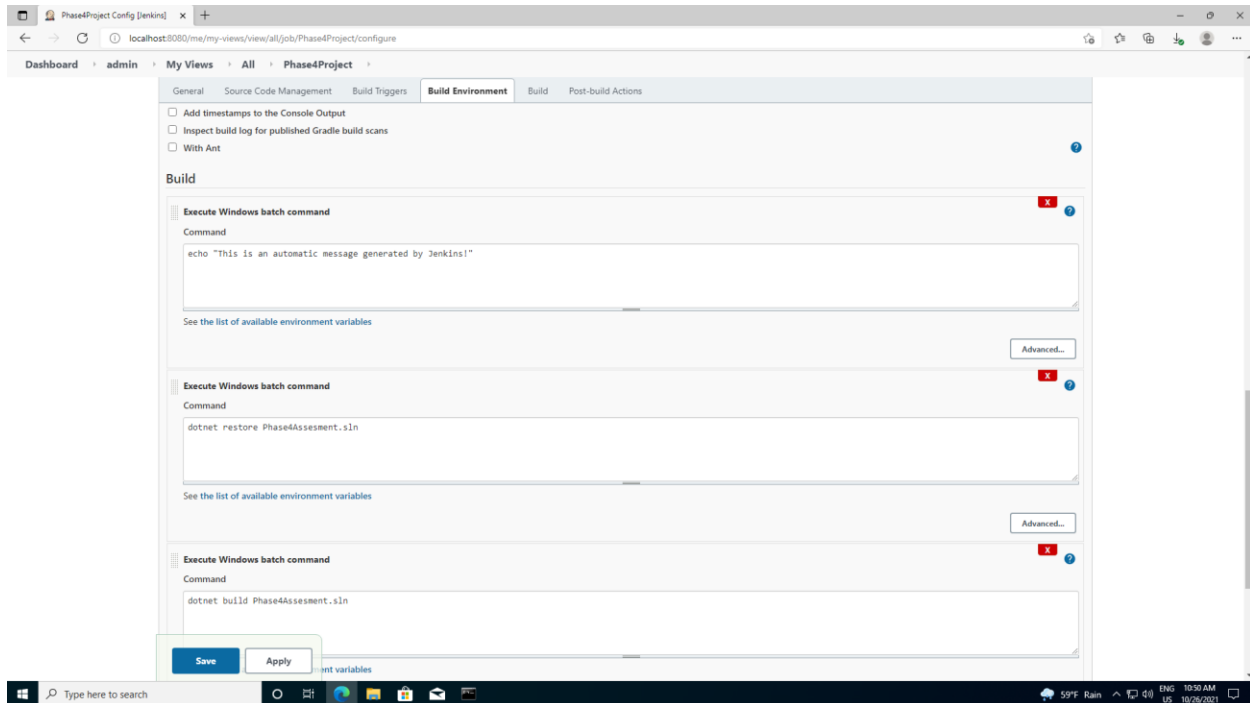


### 3. Execution on Jenkins

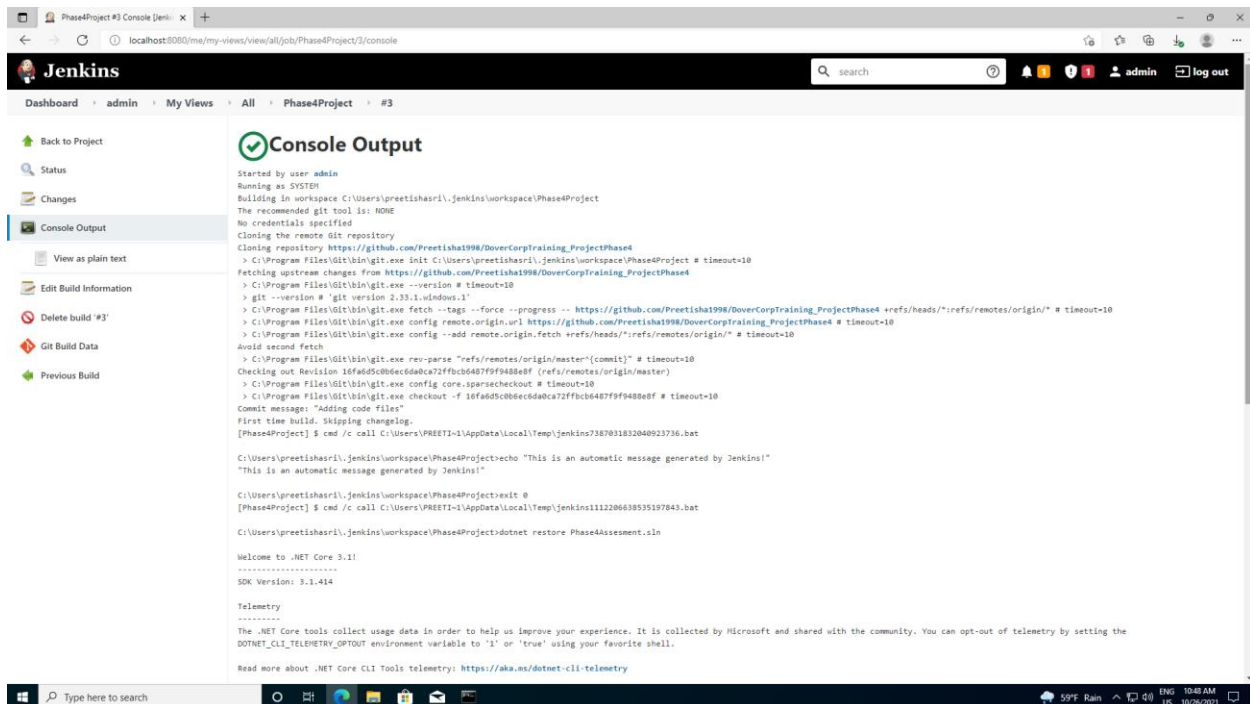
- Upload the source code on GitHub and copy the link to the repository.
- Go to your dashboard and then configure. Then write the commands as shown:







## 4. Output on Jenkins





```
Phase4Project #3 Console [jenkins] x
localhost:8080/me/my-views/view/all/job/Phase4Project/3/console

Dashboard > admin > My Views > All > Phase4Project > #3

SDK Version: 3.1.414

Telemetry
-----
The .NET Core tools collect usage data in order to help us improve your experience. It is collected by Microsoft and shared with the community. You can opt-out of telemetry by setting the DOTNET_CLI_TELEMETRY_OPTOUT environment variable to '1' or 'true' using your favorite shell.

Read more about .NET Core CLI Tools telemetry: https://aka.ms/dotnet-cli-telemetry

-----
Explore documentation: https://aka.ms/dotnet-docs
Report issues and find source on GitHub: https://github.com/dotnet/core
Find out what's new: https://aka.ms/dotnet-whats-new
Learn about the installed HTTPS developer cert: https://aka.ms/aspnet-core-https
Use 'dotnet --help' to see available commands or visit: https://aka.ms/dotnet-cli-docs
Write your first app: https://aka.ms/first-net-core-app

-----
Determining projects to restore...
  Restored C:\Users\preetisharil\jenkins\workspace\Phase4Project\AutomationWithSelenium\AutomationWithSelenium.csproj (in 17.17 sec).
  Restored C:\Users\preetisharil\jenkins\workspace\Phase4Project\Phase4Assessment\Phase4Assessment.csproj (in 7.05 sec).
  Restored C:\Users\preetisharil\jenkins\workspace\Phase4Project\TestProject\TestProject.csproj (in 25.07 sec).

C:\Users\preetisharil\jenkins\workspace\Phase4Project>exit @
[Phase4Project] $ cmd /c call C:\Users\PREETI~1\AppData\Local\Temp\Jenkins8497061722597234441.bat
C:\Users\preetisharil\jenkins\workspace\Phase4Project>dotnet build Phase4Assessment.sln
Microsoft (R) Build Engine version 16.7.24680d0f4 for .NET
Copyright (C) Microsoft Corporation. All rights reserved.

Determining projects to restore...
All projects are up-to-date for restore.
AutomationWithSelenium -> C:\Users\preetisharil\jenkins\workspace\Phase4Project\AutomationWithSelenium\bin\Debug\netcoreapp3.1\AutomationWithSelenium.dll
Phase4Assessment -> C:\Users\preetisharil\jenkins\workspace\Phase4Project\Phase4Assessment\bin\Debug\netcoreapp3.1\Phase4Assessment.dll
Phase4Assessment -> C:\Users\preetisharil\jenkins\workspace\Phase4Project\Phase4Assessment\bin\Debug\netcoreapp3.1\Phase4Assessment.Views.dll
TestProject -> C:\Users\preetisharil\jenkins\workspace\Phase4Project\TestProject\bin\Debug\netcoreapp3.1\TestProject.dll

Build succeeded.
    Warning(s)
    Error(s)

Time Elapsed 00:00:11.56

C:\Users\preetisharil\jenkins\workspace\Phase4Project>exit @
Finished: SUCCESS

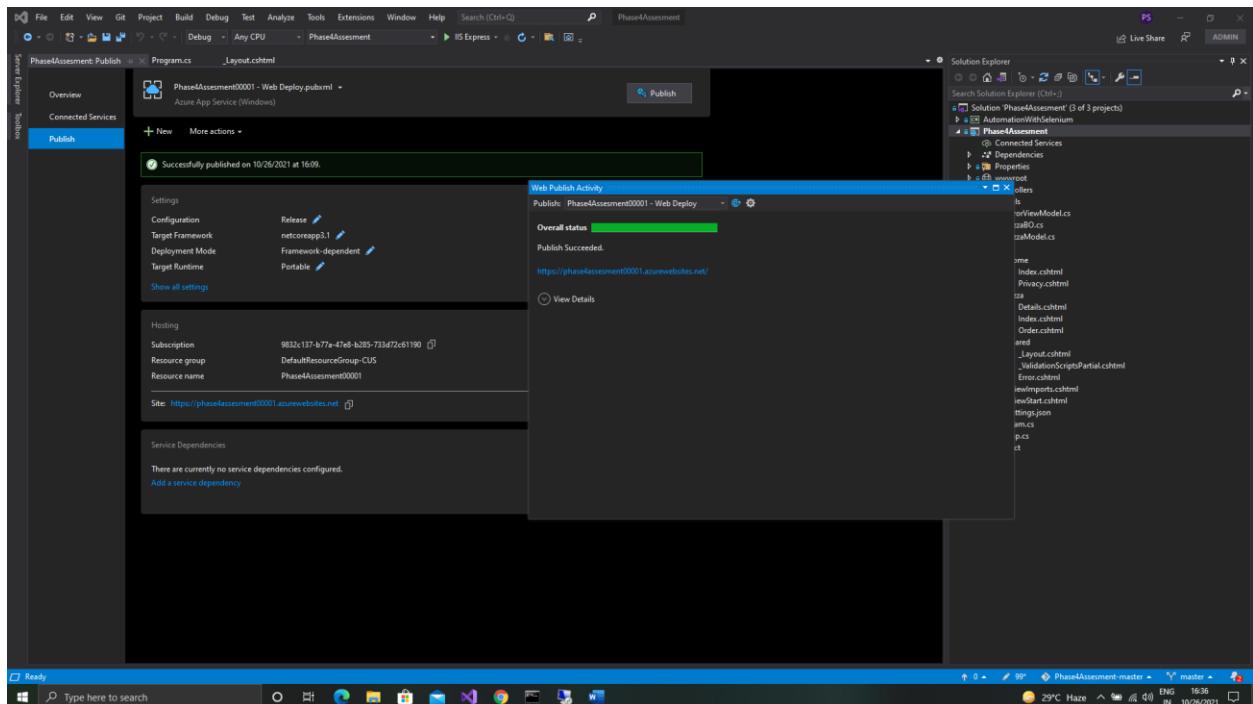
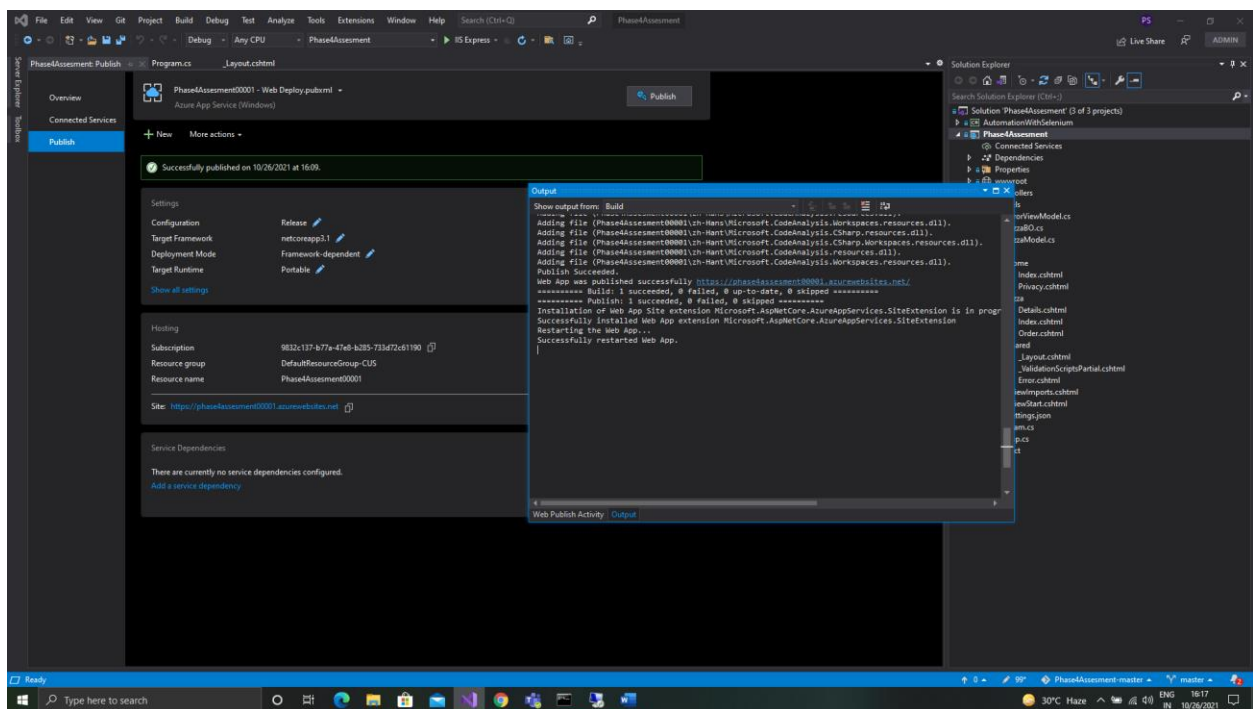
REST API Jenkins 2.303.2
```

# PUBLISHING CODE ON AZURE

## 1. Azure App Service

The screenshot displays the Azure App Service portal for the application 'Phase4Assessment00001'. The interface includes a left-hand navigation pane with options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Security, Events (preview), Deployment, Quickstart, Deployment slots, Deployment Center, Settings, Configuration, Authentication, Application insights, Identity, Backups, Custom domains, TLS/SSL settings, Networking, Scale up (App Service plan), Scale out (App Service plan), Webjobs, and Push. The main content area shows the 'Essentials' section with key information: Resource group (DefaultResourceGroup-CUS), Status (Running), Location (South Central US), Subscription (Azure Pass - Sponsorship), and Subscription ID (9832c137-b77a-47e8-b285-733d72d61190). It also lists the URL (https://phase4assessment00001.azurewebsites.net), Health Check (Not Configured), App Service Plan (Phase4Assessment20211026160436Plan (S1: 1)), FTP/deployment username (No FTP/deployment user set), FTP hostname (ftp://waas-prod-s1-099.ft.azurewebsites.windows.net/site/wwwroot), and FTPS hostname (ftps://waas-prod-s1-099.ft.azurewebsites.windows.net/site/wwwroot). Below this, there are three diagnostic charts: 'Http 5xx' (showing 0 errors), 'Data In' (showing 159 requests), and 'Data Out' (showing 405 requests). The bottom of the screen shows the Windows taskbar with the date and time as 10:49 AM on 10/26/2021.


## 2. Publish Success on Visual Studio



## 3. Website on Azure App Service


Joe's Pizza Portal Home Privacy

Cheese and corn




Order Now

Mexican green wave




Order Now

Deluxe Veggie




Order Now

Margherita




Order Now

Peperoni




Order Now

Cheesy Pizza




Order Now


30°C Haze 16:24 18/06/2021



Order Now

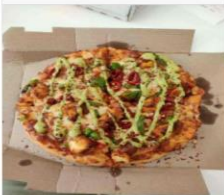


Order Now




Order Now

Tandoori Paneer Pizza




Order Now

Achari Pizza



Order Now

Paneer Makhani Pizza




Order Now

© Preetisha Srivastava  
Software Engineer, Dover India

30°C Haze 16:24 18/06/2021

Joe's Pizza Portal Home Privacy

### Moroccan Spice Pasta Pizza



Price : ₹310

Description : A pizza loaded with a spicy combination of Harissa souce and delicious pasta

[Buy Now](#)

Joe's Pizza Portal Home Privacy

## Order Details

Success 👍  
We will reach out to you soon ✓

These are what you ordered. Checkout!

	<b>Moroccan Spice Pasta Pizza</b>
<b>Crust</b>	Medium
<b>Description</b>	A pizza loaded with a spicy combination of Harissa souce and delicious pasta
<b>Price</b>	310

[Missed To Order Something](#)

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Software Engineer, Dover India  
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