Computer Science Department

Cloud Computing and Data Security (COMP 4381)

Second Semester 2023/2024

Assignment 1 : Cloud computing Virtualization

Name : Majd Hamarsheh

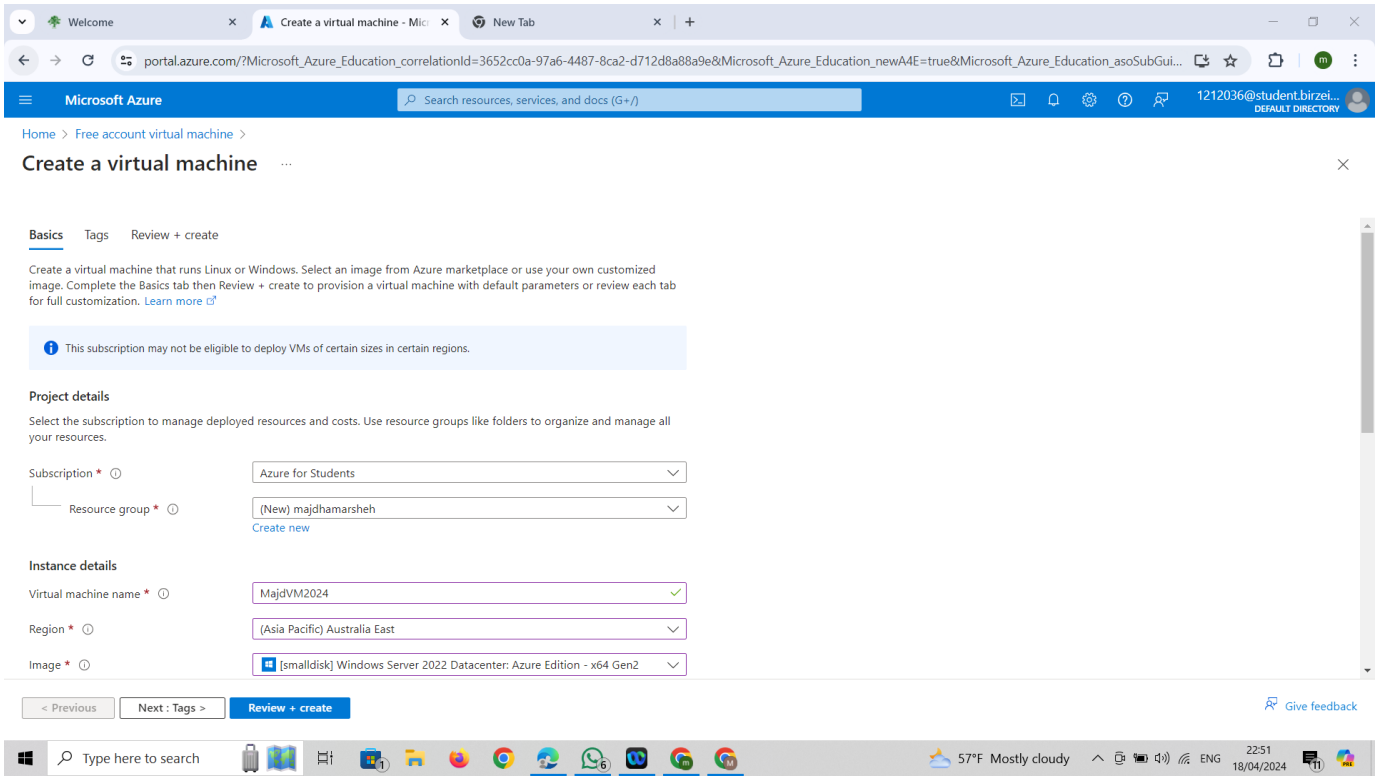
Student ID : 1212036

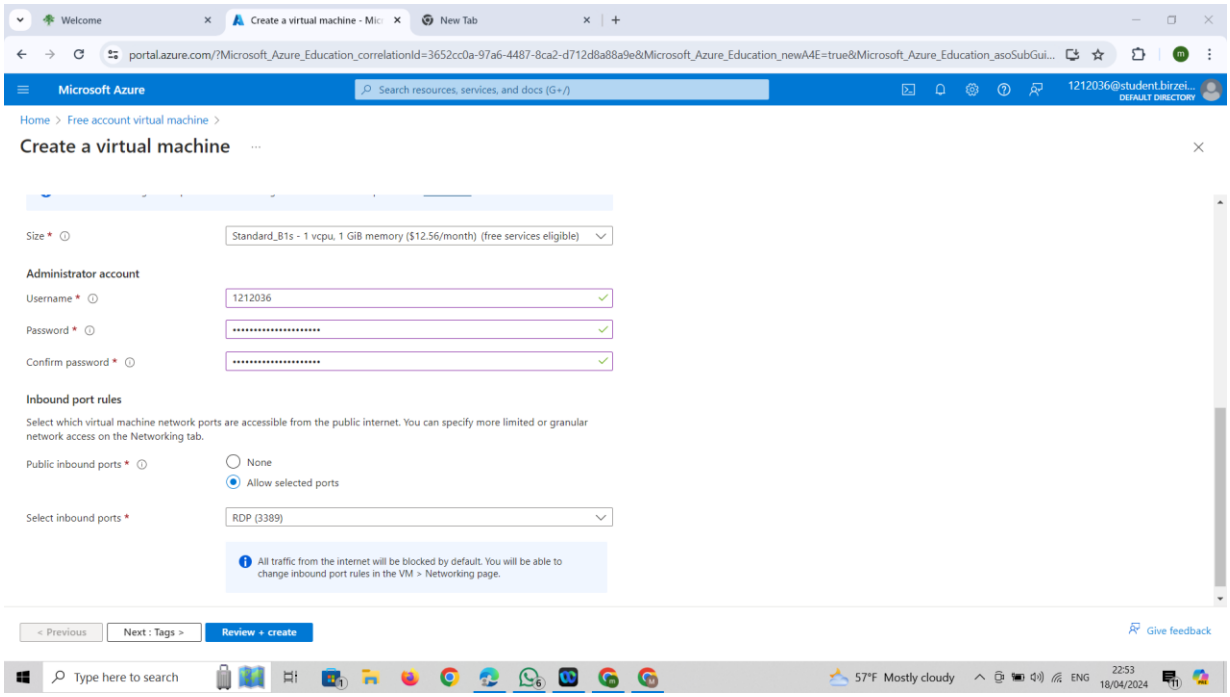
Section : 1

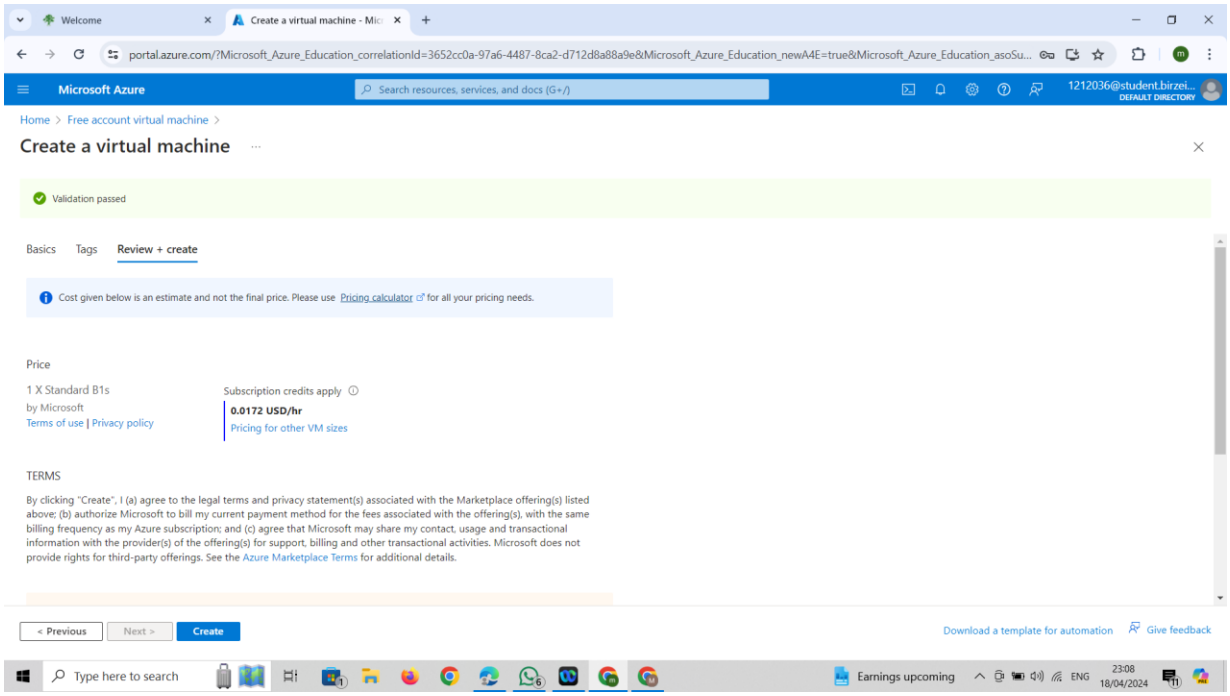
My VM Public IP address : 52.237.217.15

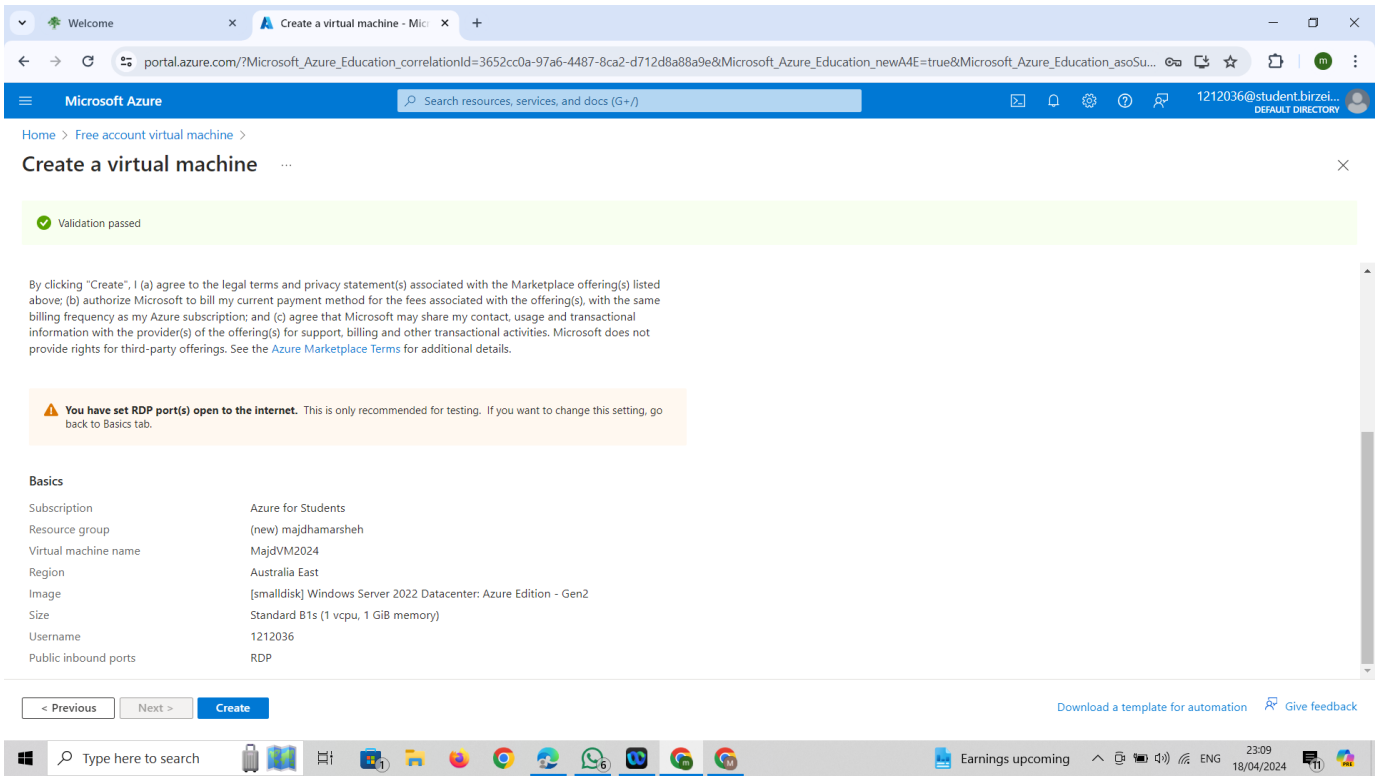
Step 1: Creating a Virtual Machine (VM):

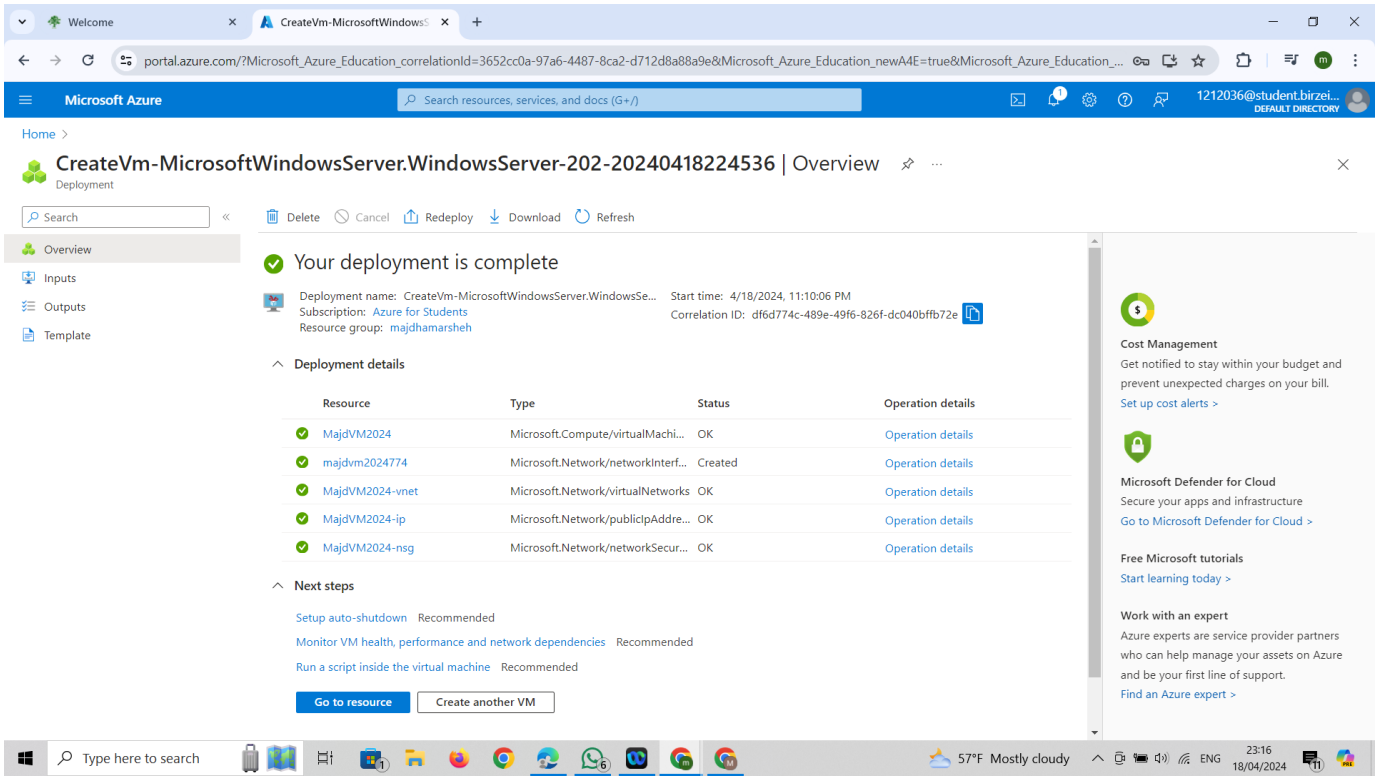
So, the first thing I did was set up a virtual computer on Microsoft Azure. It's like having my own computer, but it's in the cloud instead of sitting on my desk. I chose a username and password to log in, just like I would for any other computer. Then, I picked the type of virtual machine I wanted, including the operating system (I chose Windows Server 2022 Datacenter) and how powerful I wanted it to be. It's kind of like setting up my bakery's workspace in the cloud.

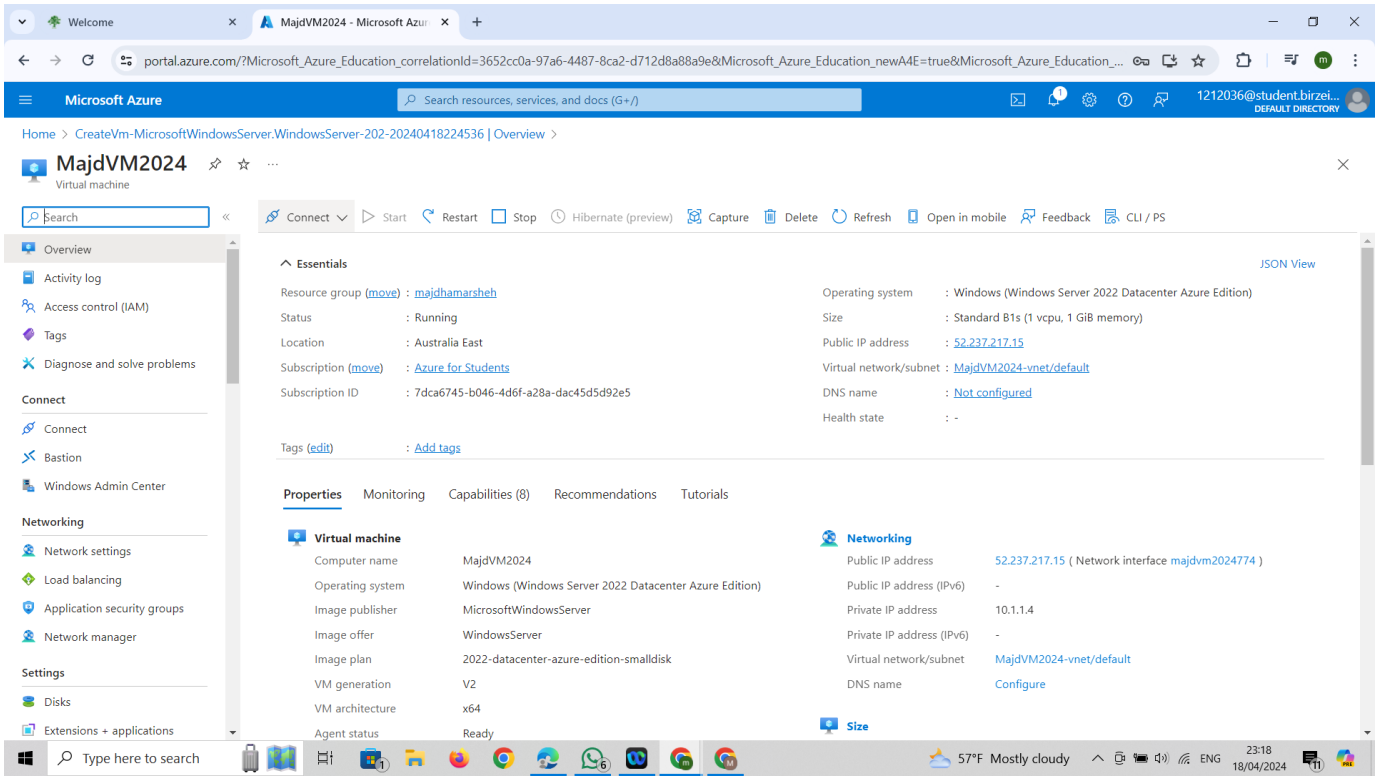


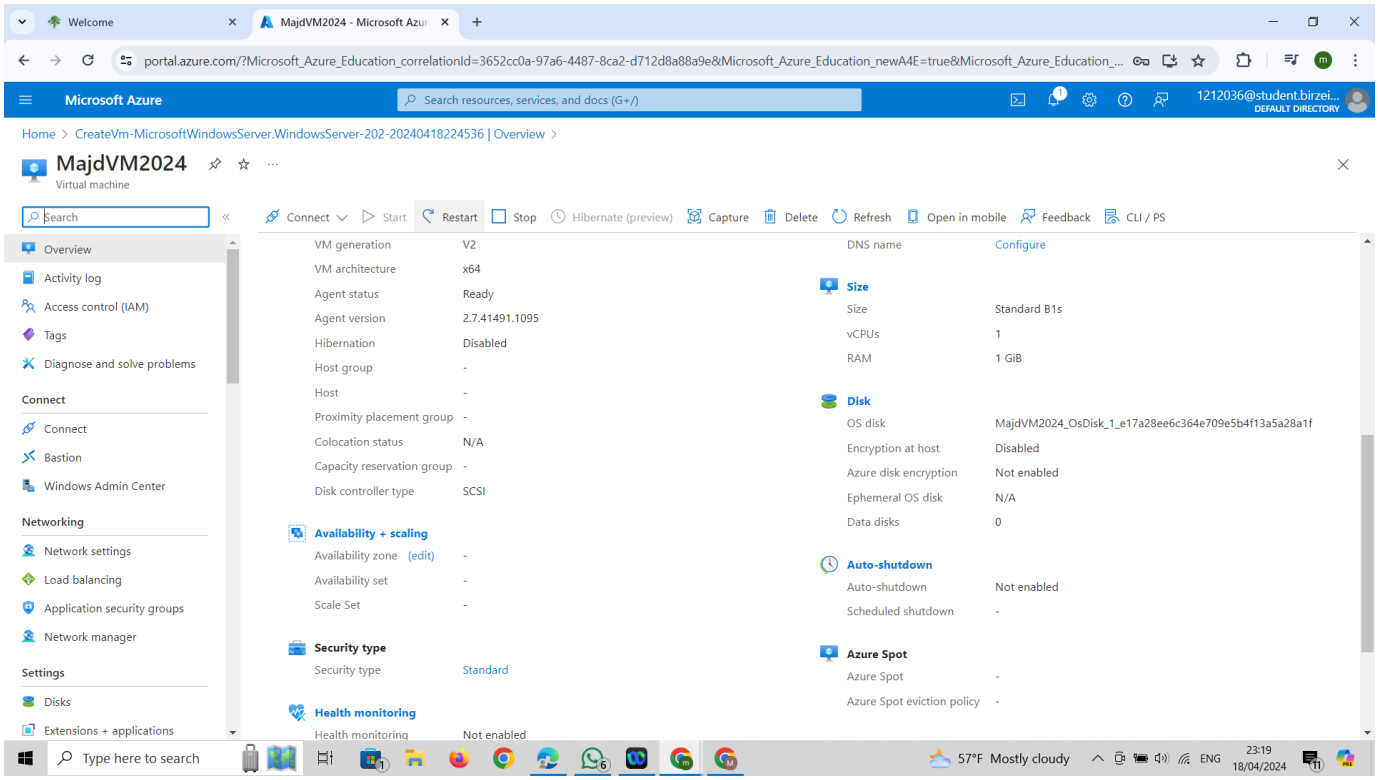

Welcome
Create a virtual machine - Mic
New Tab
portal.azure.com/?Microsoft_Azure_Education_correlationId=3652cc0a-97a6-4487-8ca2-d712d8a88a9e&Microsoft_Azure_Education_newA4E=true&Microsoft_Azure_Education_asoSubGui...
Microsoft Azure
Search resources, services, and docs (G+/)
1212036@student.birzei...
DEFAULT DIRECTORY
Home > Free account virtual machine >
Create a virtual machine
Size * Standard_B1s - 1 vcpu, 1 GiB memory ($12.56/month) (free services eligible)
Administrator account
Username * 1212036
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.
< Previous
Next : Tags >
Review + create
Give feedback
Type here to search
57°F Mostly cloudy
ENG
22:53
18/04/2024

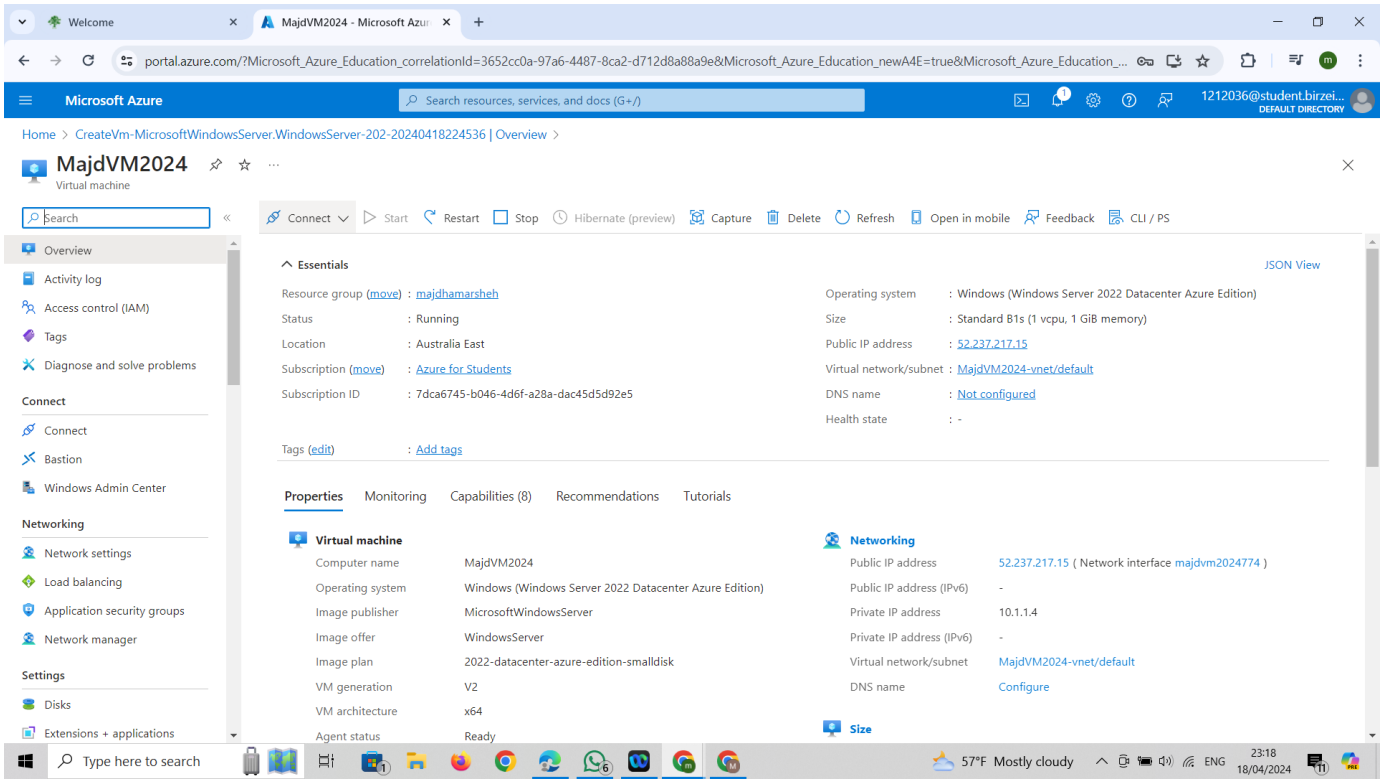

Welcome
Create a virtual machine - Mic
portal.azure.com/?Microsoft_Azure_Education_correlationId=3652cc0a-97a6-4487-8ca2-d712d8a88a9e&Microsoft_Azure_Education_newA4E=true&Microsoft_Azure_Education_asoSu...
Microsoft Azure
Search resources, services, and docs (G+/)
1212036@student.birzei...
DEFAULT DIRECTORY
Home > Free account virtual machine >
Create a virtual machine
Validation passed
Basics Tags Review + create
Cost given below is an estimate and not the final price. Please use Pricing calculator for all your pricing needs.
Price
1 X Standard B1s
by Microsoft
Terms of use | Privacy policy
Subscription credits apply
0.0172 USD/hr
Pricing for other VM sizes
TERMS
By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same billing frequency as my Azure subscription; and (c) 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.
< Previous
Next >
Create
Download a template for automation
Give feedback
Type here to search
Earnings upcoming
ENG
23:08
18/04/2024


Welcome
Create a virtual machine - Mic
portal.azure.com/?Microsoft_Azure_Education_correlationId=3652cc0a-97a6-4487-8ca2-d712d8a88a9e&Microsoft_Azure_Education_newA4E=true&Microsoft_Azure_Education_asoSu...
Microsoft Azure
Search resources, services, and docs (G+/)
1212036@student.birzei...
DEFAULT DIRECTORY
Home > Free account virtual machine >
Create a virtual machine
Validation passed
By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same billing frequency as my Azure subscription; and (c) 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 Azure for Students
Resource group (new) majdhamarsheh
Virtual machine name MajdVM2024
Region Australia East
Image [smalldisk] Windows Server 2022 Datacenter: Azure Edition - Gen2
Size Standard B1s (1 vcpu, 1 GiB memory)
Username 1212036
Public inbound ports RDP
< Previous
Next >
Create
Download a template for automation
Give feedback
Type here to search
Earnings upcoming
ENG
23:09
18/04/2024


Welcome
CreateVm-MicrosoftWindowsS
portal.azure.com/?Microsoft_Azure_Education_correlationId=3652cc0a-97a6-4487-8ca2-d712d8a88a9e&Microsoft_Azure_Education_...
Microsoft Azure
Search resources, services, and docs (G+/)
1212036@student.birzei...
DEFAULT DIRECTORY
Home >
CreateVm-MicrosoftWindowsServer.WindowsServer-202-20240418224536 | Overview
Deployment
Search
Overview
Inputs
Outputs
Template
Delete
Cancel
Redeploy
Download
Refresh
Your deployment is complete
Deployment name: CreateVm-MicrosoftWindowsServer.WindowsSe...
Subscription: Azure for Students
Resource group: majdhamarsheh
Start time: 4/18/2024, 11:10:06 PM
Correlation ID: df6d774c-489e-49f6-826f-dc040bffb72e
Deployment details
Resource Type Status Operation details
MajdVM2024 Microsoft.Compute/virtualMachi... OK Operation details
majdvm2024774 Microsoft.Network/networkInterf... Created Operation details
MajdVM2024-vnet Microsoft.Network/virtualNetworks OK Operation details
MajdVM2024-ip Microsoft.Network/publicIpAddre... OK Operation details
MajdVM2024-nsg Microsoft.Network/networkSecur... OK Operation 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
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 >
Type here to search
57°F Mostly cloudy
ENG
23:16
18/04/2024

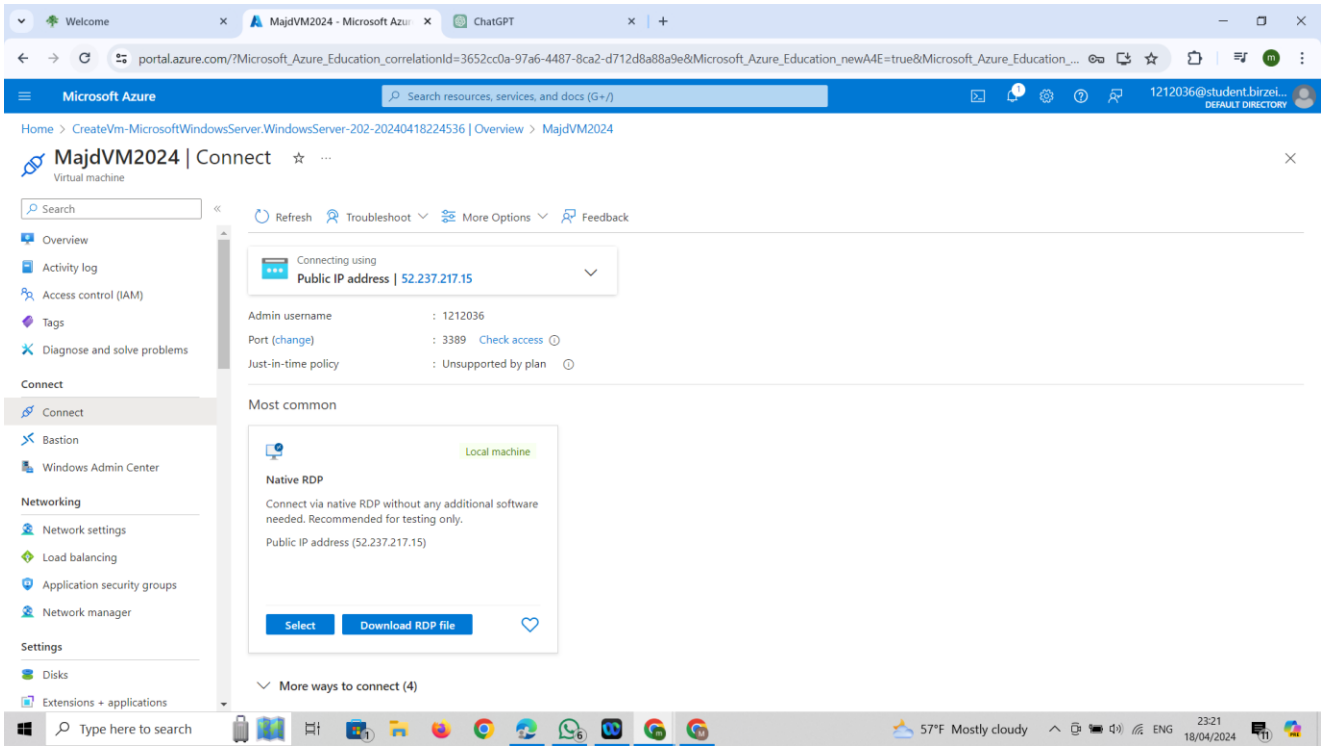

Welcome
MajdVM2024 - Microsoft Azur
portal.azure.com/?Microsoft_Azure_Education_correlationId=3652cc0a-97a6-4487-8ca2-d712d8a88a9e&Microsoft_Azure_Education_newA4E=true&Microsoft_Azure_Education_...
Microsoft Azure
Search resources, services, and docs (G+/)
1212036@student.birzei...
DEFAULT DIRECTORY
Home > CreateVm-MicrosoftWindowsServer.WindowsServer-202-20240418224536 | Overview >
MajdVM2024
Virtual machine
Search
Connect
Start
Restart
Stop
Hibernate (preview)
Capture
Delete
Refresh
Open in mobile
Feedback
CLI / PS
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Connect
Connect
Bastion
Windows Admin Center
Networking
Network settings
Load balancing
Application security groups
Network manager
Settings
Disks
Extensions + applications
Essentials
JSON View
Resource group (move) : majdhamarsheh
Status : Running
Location : Australia East
Subscription (move) : Azure for Students
Subscription ID : 7dca6745-b046-4d6f-a28a-dac45d5d92e5
Tags (edit) : Add tags
Operating system : Windows (Windows Server 2022 Datacenter Azure Edition)
Size : Standard B1s (1 vcpu, 1 GiB memory)
Public IP address : 52.237.217.15
Virtual network/subnet : MajdVM2024-vnet/default
DNS name : Not configured
Health state : -
Properties
Monitoring
Capabilities (8)
Recommendations
Tutorials
Virtual machine
Computer name MajdVM2024
Operating system Windows (Windows Server 2022 Datacenter Azure Edition)
Image publisher MicrosoftWindowsServer
Image offer WindowsServer
Image plan 2022-datacenter-azure-edition-smalldisk
VM generation V2
VM architecture x64
Agent status Ready
Networking
Public IP address 52.237.217.15 (Network interface majdvm2024774)
Public IP address (IPv6) -
Private IP address 10.1.1.4
Private IP address (IPv6) -
Virtual network/subnet MajdVM2024-vnet/default
DNS name Configure
Size
Type here to search
57°F Mostly cloudy
ENG
23:18
18/04/2024

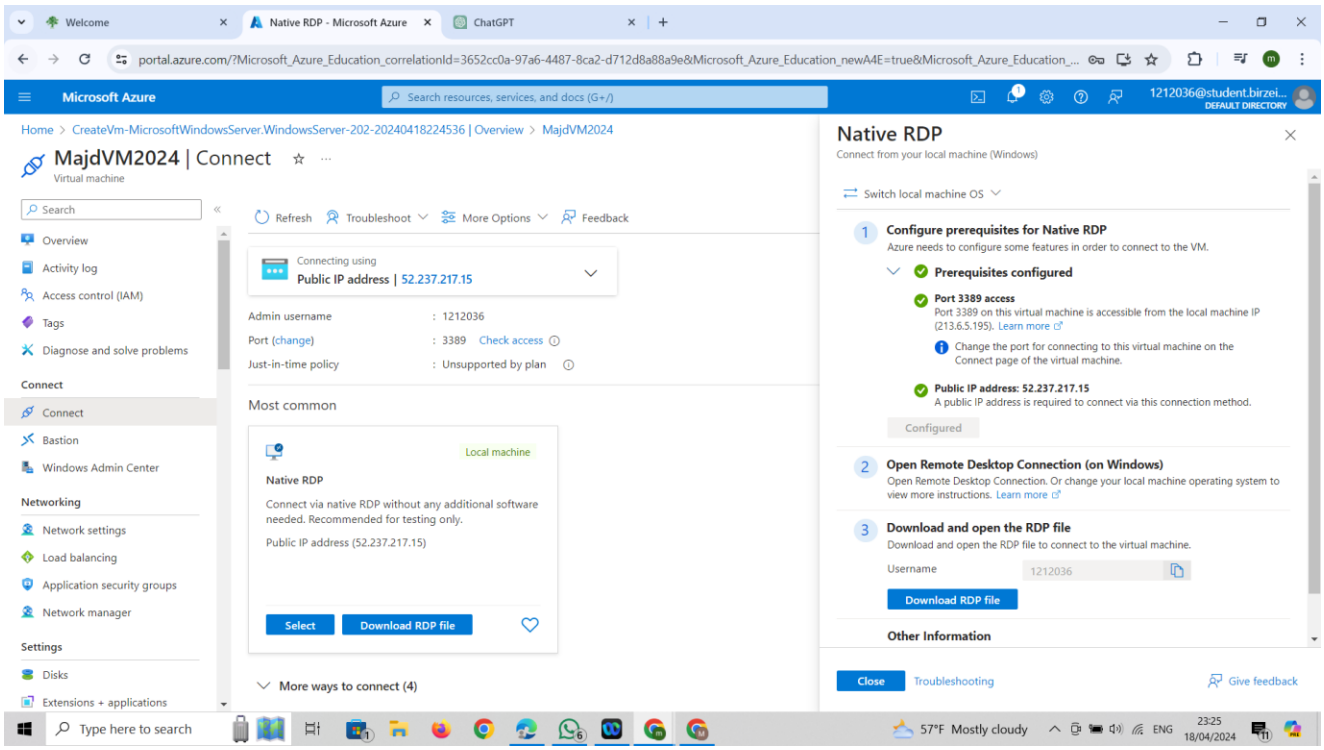

Welcome
MajdVM2024 - Microsoft Azur
portal.azure.com/?Microsoft_Azure_Education_correlationId=3652cc0a-97a6-4487-8ca2-d712d8a88a9e&Microsoft_Azure_Education_newA4E=true&Microsoft_Azure_Education_...
Microsoft Azure
Search resources, services, and docs (G+/)
1212036@student.birzei...
DEFAULT DIRECTORY
Home > CreateVm-MicrosoftWindowsServer.WindowsServer-202-20240418224536 | Overview >
MajdVM2024
Virtual machine
Connect
Start
Restart
Stop
Hibernate (preview)
Capture
Delete
Refresh
Open in mobile
Feedback
CLI / PS
VM generation V2
VM architecture x64
Agent status Ready
Agent version 2.7.41491.1095
Hibernation Disabled
Host group -
Host -
Proximity placement group -
Colocation status N/A
Capacity reservation group -
Disk controller type SCSI
Availability + scaling
Availability zone (edit) -
Availability set -
Scale Set -
Security type
Security type Standard
Health monitoring
Health monitoring Not enabled
DNS name Configure
Size
Size Standard B1s
vCPUs 1
RAM 1 GiB
Disk
OS disk MajdVM2024_OsDisk_1_e17a28ee6c364e709e5b4f13a5a28a1f
Encryption at host Disabled
Azure disk encryption Not enabled
Ephemeral OS disk N/A
Data disks 0
Auto-shutdown
Auto-shutdown Not enabled
Scheduled shutdown -
Azure Spot
Azure Spot -
Azure Spot eviction policy -
Type here to search
57°F Mostly cloudy
ENG
23:19
18/04/2024

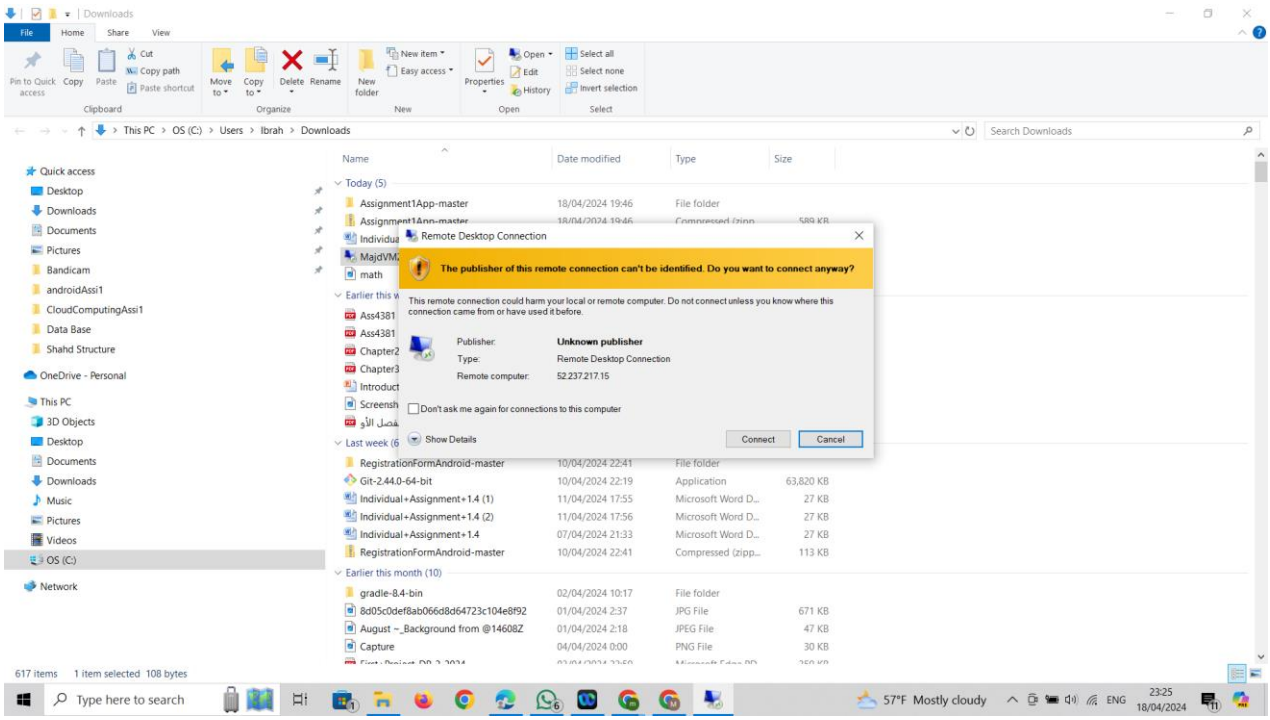


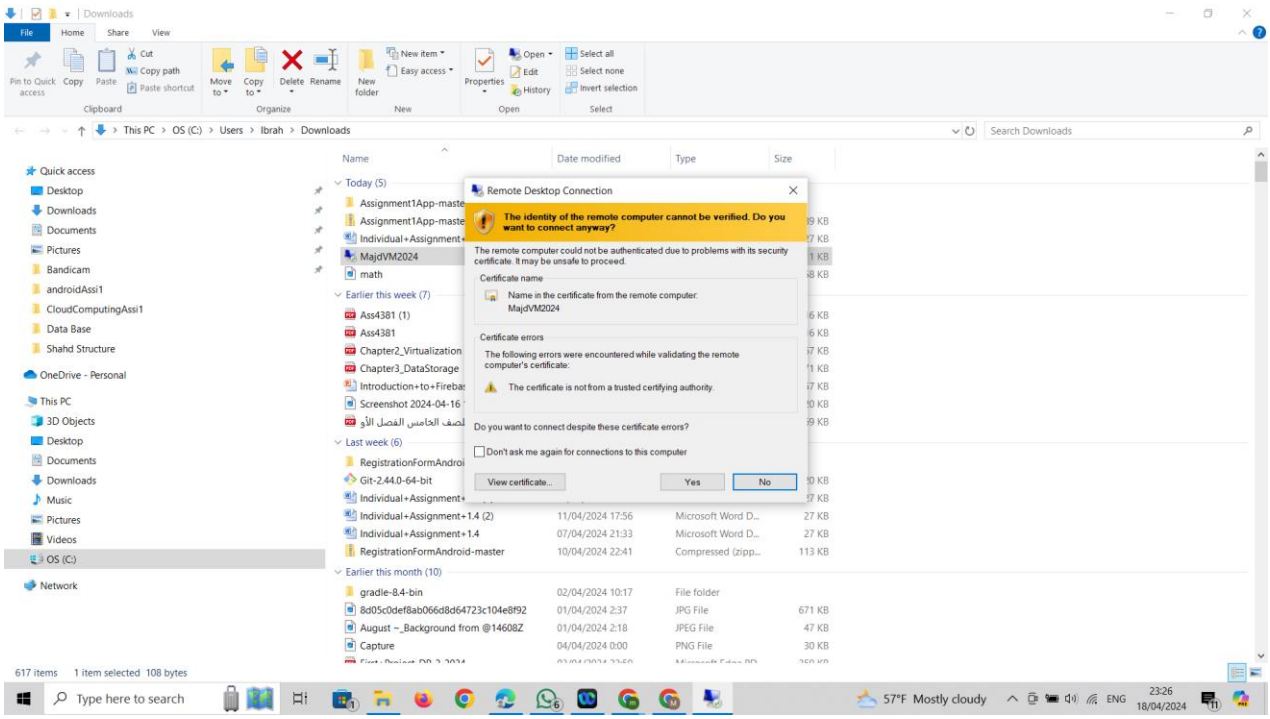
Step 2: Connecting to my VM:

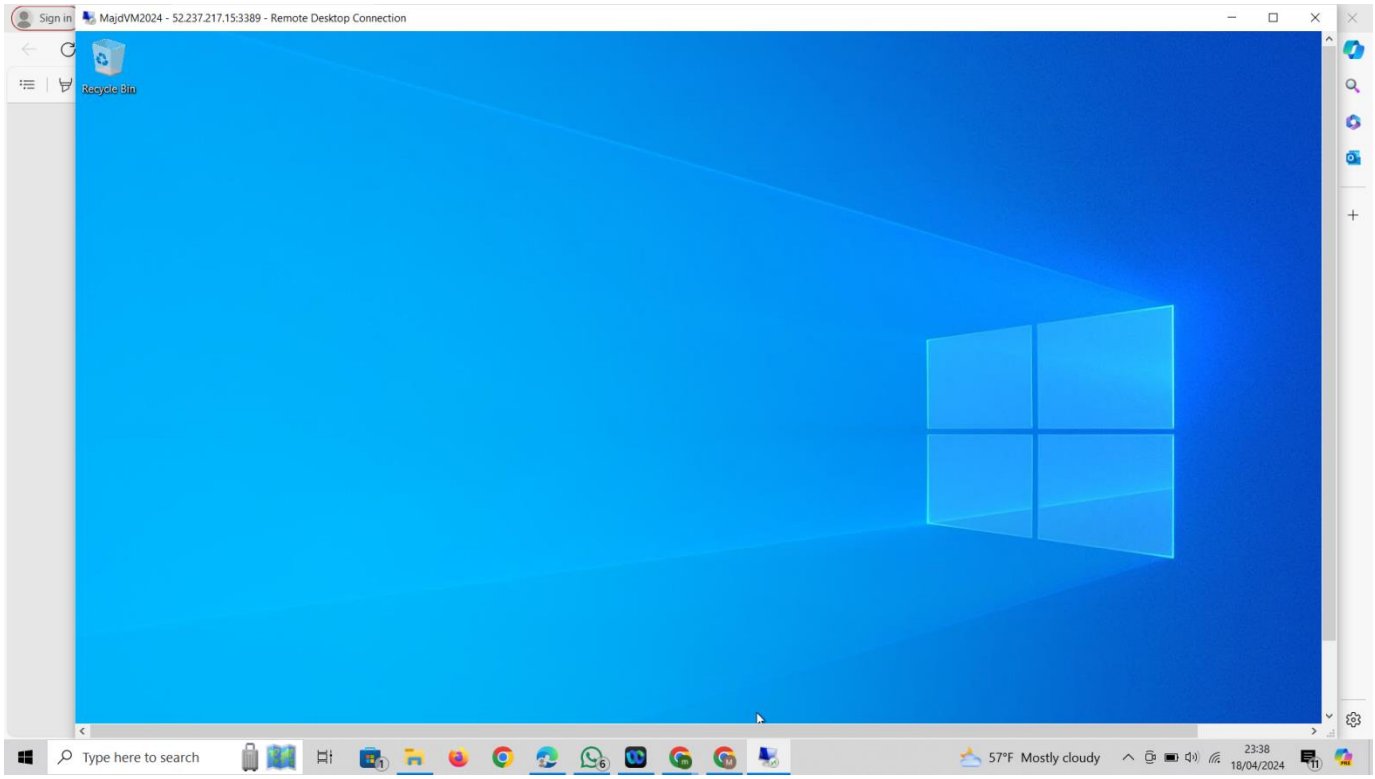
After setting up the virtual machine, I needed a way to actually access it. It's like having a bakery kitchen in the clouds, but I need a way to get inside. So, I used a tool called Remote Desktop Protocol (RDP) or Secure Shell (SSH) to remotely connect to my virtual machine from my own computer. It's like having a magical key to unlock the door to my bakery kitchen from wherever I am.


Welcome
MajdVM2024 - Microsoft Azu
ChatGPT
portal.azure.com/?Microsoft_Azure_Education_correlationId=3652cc0a-97a6-4487-8ca2-d712d8a88a9e&Microsoft_Azure_Education_newA4E=true&Microsoft_Azure_Education_...
Microsoft Azure
Search resources, services, and docs (G+/)
1212036@student.birzei...
DEFAULT DIRECTORY
Home > CreateVm-MicrosoftWindowsServer.WindowsServer-202-20240418224536 | Overview > MajdVM2024
MajdVM2024 | Connect
Virtual machine
Search
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Connect
Connect
Bastion
Windows Admin Center
Networking
Network settings
Load balancing
Application security groups
Network manager
Settings
Disks
Extensions + applications
Refresh
Troubleshoot
More Options
Feedback
Connecting using
Public IP address | 52.237.217.15
Admin username : 1212036
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 (52.237.217.15)
Select
Download RDP file
More ways to connect (4)
Type here to search
57°F Mostly cloudy
ENG
23:21
18/04/2024


Welcome
Native RDP - Microsoft Azure
ChatGPT
portal.azure.com/?Microsoft_Azure_Education_correlationId=3652cc0a-97a6-4487-8ca2-d712d8a88a9e&Microsoft_Azure_Education_newA4E=true&Microsoft_Azure_Education_...
Microsoft Azure
Search resources, services, and docs (G+/)
1212036@student.birzei...
DEFAULT DIRECTORY
Home > CreateVm-MicrosoftWindowsServer.WindowsServer-202-20240418224536 | Overview > MajdVM2024
MajdVM2024 | Connect
Virtual machine
Search
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Connect
Connect
Bastion
Windows Admin Center
Networking
Network settings
Load balancing
Application security groups
Network manager
Settings
Disks
Extensions + applications
Refresh
Troubleshoot
More Options
Feedback
Connecting using
Public IP address | 52.237.217.15
Admin username : 1212036
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 (52.237.217.15)
Select
Download RDP file
More ways to connect (4)
Native RDP
Connect from your local machine (Windows)
Switch local machine OS
1 Configure prerequisites for Native RDP
Azure needs to configure some features in order to connect to the VM.
Prerequisites configured
Port 3389 access
Port 3389 on this virtual machine is accessible from the local machine IP (213.6.5.195). Learn more
Change the port for connecting to this virtual machine on the Connect page of the virtual machine.
Public IP address: 52.237.217.15
A public IP address is required to connect via this connection method.
Configured
2 Open Remote Desktop Connection (on Windows)
Open Remote Desktop Connection. Or change your local machine operating system to view more instructions. Learn more
3 Download and open the RDP file
Download and open the RDP file to connect to the virtual machine.
Username
1212036
Download RDP file
Other Information
Close
Troubleshooting
Give feedback
Type here to search
57°F Mostly cloudy
ENG
23:25
18/04/2024

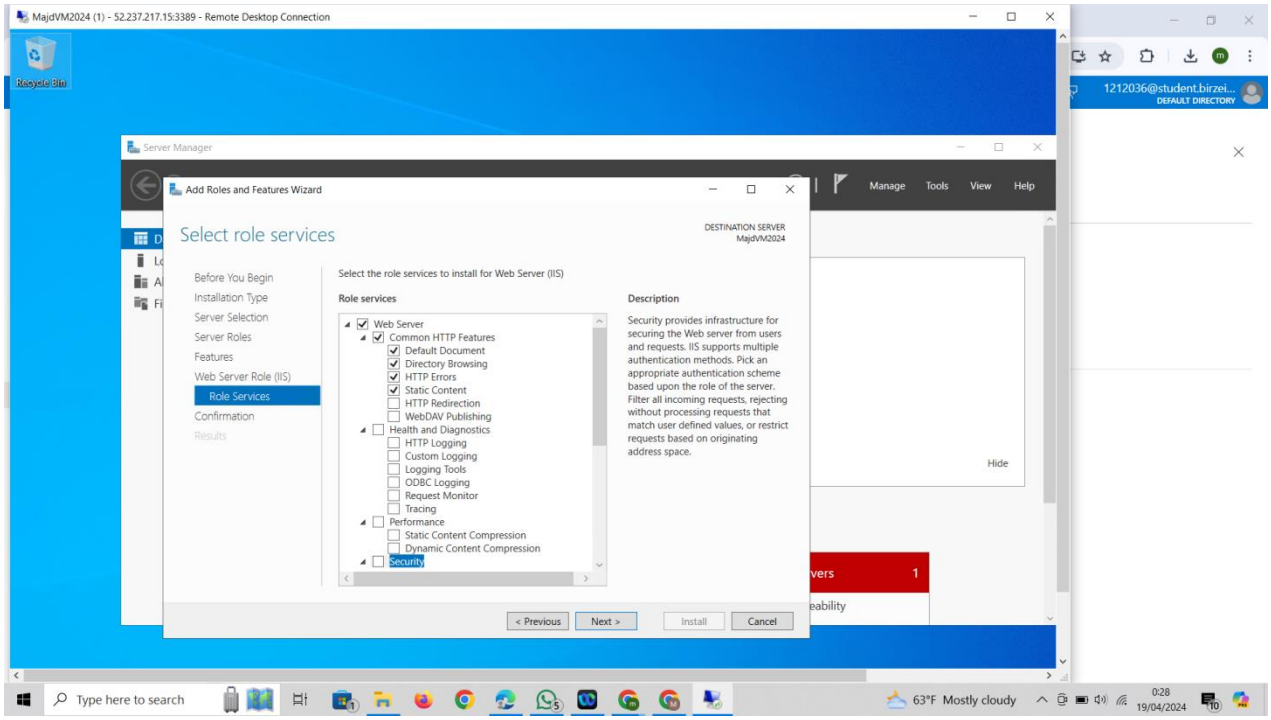

Downloads
File Home Share View
This PC > OS (C:) > Users > Ibrah > Downloads
Search Downloads
Quick access
Desktop
Downloads
Documents
Pictures
Bandicam
androidAssi1
CloudComputingAssi1
Data Base
Shahd Structure
OneDrive - Personal
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
OS (C:)
Network
Name
Date modified
Type
Size
Today (5)
Assignment1App-master
18/04/2024 19:46
File folder
Remote Desktop Connection
The publisher of this remote connection can't be identified. Do you want to connect anyway?
This remote connection could harm your local or remote computer. Do not connect unless you know where this connection came from or have used it before.
Publisher:
Unknown publisher
Type:
Remote Desktop Connection
Remote computer:
52.237.217.15
Don't ask me again for connections to this computer
Show Details
Connect
Cancel
Earlier this week (6)
Last week (6)
RegistrationFormAndroid-master
10/04/2024 22:41
File folder
Git-2.44.0-64-bit
10/04/2024 22:19
Application
63,820 KB
Individual+Assignment+1.4 (1)
11/04/2024 17:55
Microsoft Word D...
27 KB
Individual+Assignment+1.4 (2)
11/04/2024 17:56
Microsoft Word D...
27 KB
Individual+Assignment+1.4
07/04/2024 21:33
Microsoft Word D...
27 KB
RegistrationFormAndroid-master
10/04/2024 22:41
Compressed (zipp...
113 KB
Earlier this month (10)
gradle-8.4-bin
02/04/2024 10:17
File folder
8d05c0def8ab066d8d64723c104e8f92
01/04/2024 2:37
JPG File
671 KB
August ~_Background from @14608Z
01/04/2024 2:18
JPEG File
47 KB
Capture
04/04/2024 0:00
PNG File
30 KB
617 items
1 item selected 108 bytes
Type here to search
57°F Mostly cloudy
ENG
23:25
18/04/2024

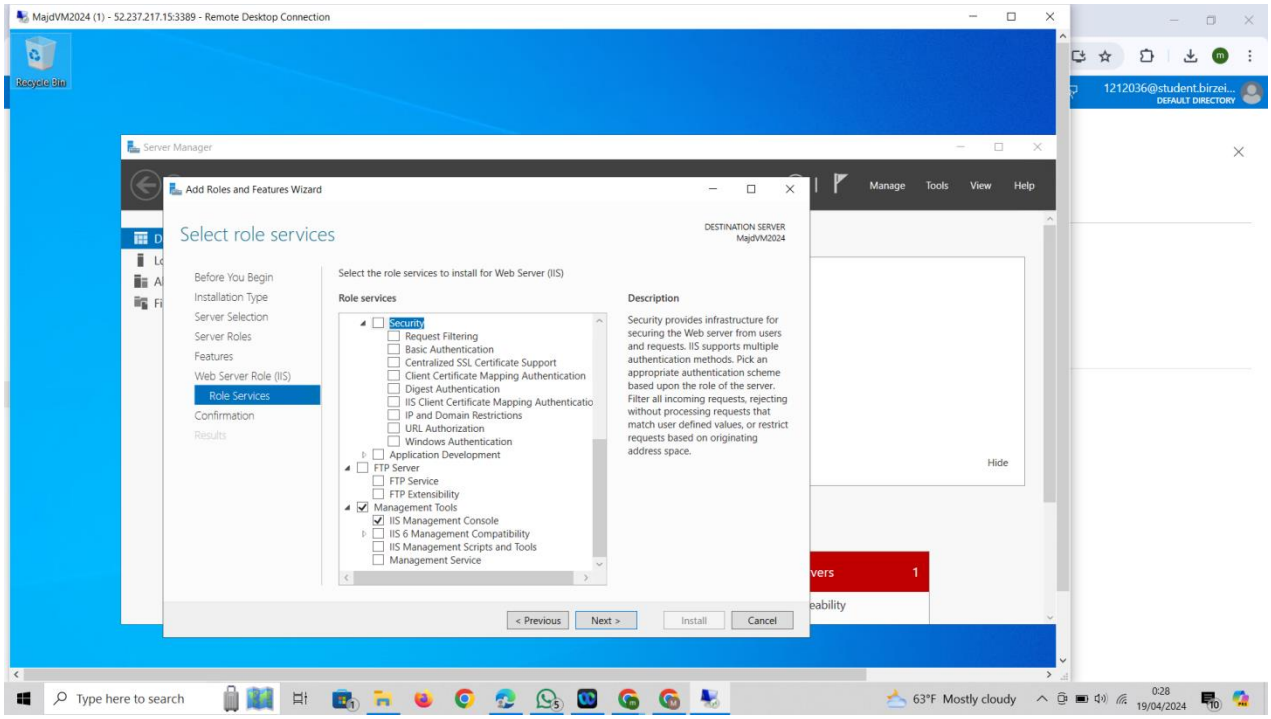

Downloads
File Home Share View
This PC > OS (C:) > Users > Ibrah > Downloads
Search Downloads
Quick access
Desktop
Downloads
Documents
Pictures
Bandicam
androidAssi1
CloudComputingAssi1
Data Base
Shahd Structure
OneDrive - Personal
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
OS (C:)
Network
Name
Date modified
Type
Size
Today (5)
Remote Desktop Connection
The identity of the remote computer cannot be verified. Do you want to connect anyway?
The remote computer could not be authenticated due to problems with its security certificate. It may be unsafe to proceed.
Certificate name
Name in the certificate from the remote computer:
MajdVM2024
Certificate errors
The following errors were encountered while validating the remote computer's certificate:
The certificate is not from a trusted certifying authority.
Do you want to connect despite these certificate errors?
Don't ask me again for connections to this computer
View certificate...
Yes
No
MajdVM2024
Earlier this week (7)
Ass4381 (1)
Ass4381
Chapter2_Virtualization
Chapter3_DataStorage
Introduction+to+Firebase
Screenshot 2024-04-16
Last week (6)
Git-2.44.0-64-bit
Individual+Assignment+1.4 (2)
11/04/2024 17:56
Microsoft Word D...
27 KB
Individual+Assignment+1.4
07/04/2024 21:33
Microsoft Word D...
27 KB
RegistrationFormAndroid-master
10/04/2024 22:41
Compressed (zipp...
113 KB
Earlier this month (10)
gradle-8.4-bin
02/04/2024 10:17
File folder
8d05c0def8ab066d8d64723c104e8f92
01/04/2024 2:37
JPG File
671 KB
August ~_Background from @14608Z
01/04/2024 2:18
JPEG File
47 KB
Capture
04/04/2024 0:00
PNG File
30 KB
617 items
1 item selected 108 bytes
Type here to search
57°F Mostly cloudy
ENG
23:26
18/04/2024

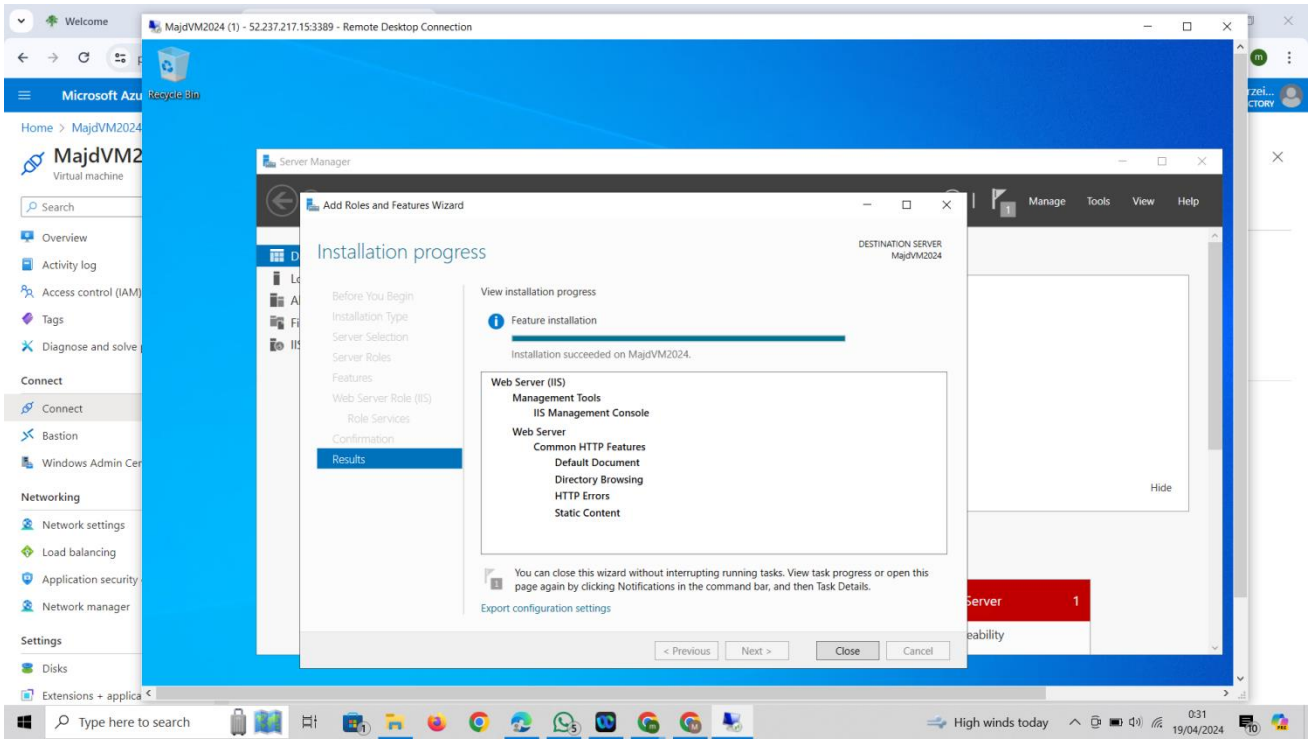


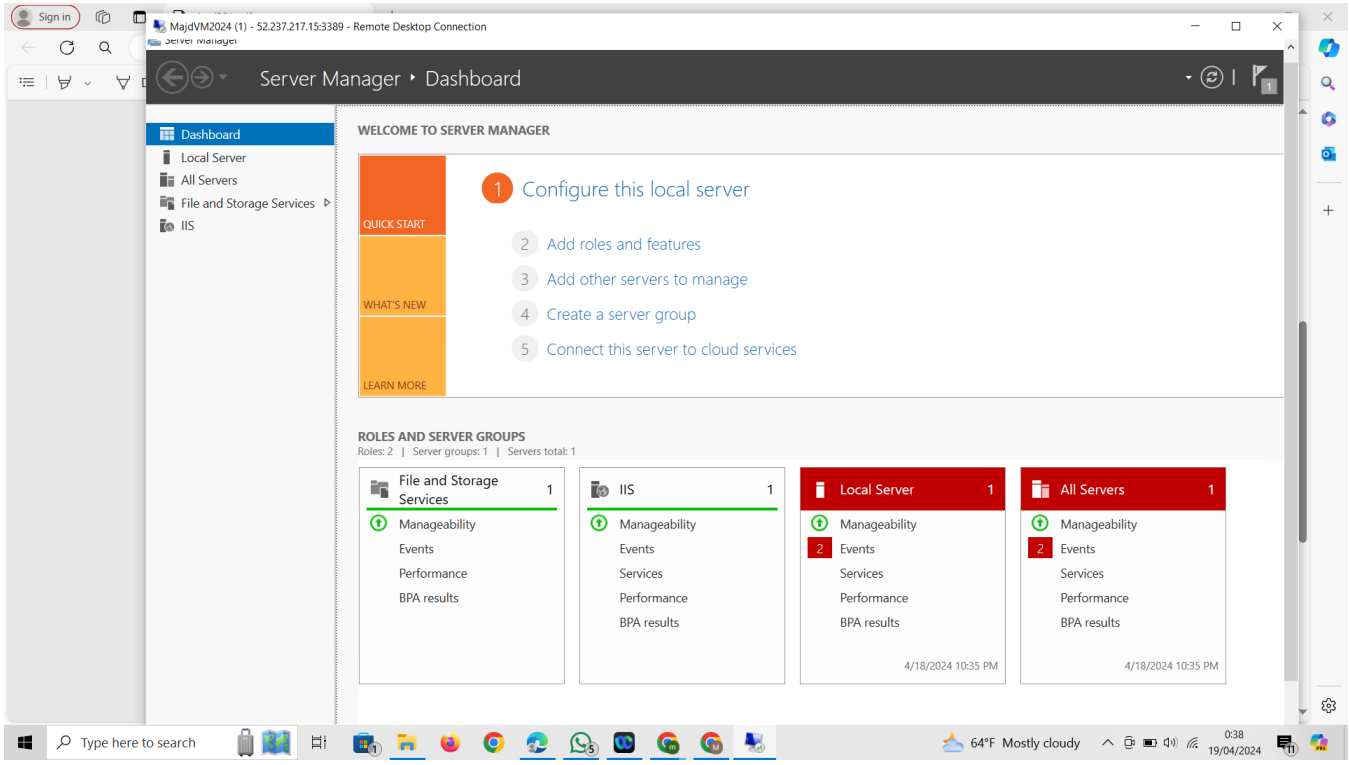
Step 3: Installing a Web Server:

Once I was inside the virtual machine, it was time to install software that could serve my bakery's website to visitors. I chose to install a web server, which is basically like setting up a display counter in my bakery where customers can see all the tasty treats. I installed Internet Information Services (IIS), which is like the engine that powers the website and makes sure everything runs smoothly.


MajdVM2024 (1) - 52.237.217.15:3389 - Remote Desktop Connection
Recycle Bin
Server Manager
Manage Tools View Help
Add Roles and Features Wizard
Select role services
DESTINATION SERVER
MajdVM2024
Before You Begin
Installation Type
Server Selection
Server Roles
Features
Web Server Role (IIS)
Role Services
Confirmation
Results
Select the role services to install for Web Server (IIS)
Role services
Web Server
Common HTTP Features
Default Document
Directory Browsing
HTTP Errors
Static Content
HTTP Redirection
WebDAV Publishing
Health and Diagnostics
HTTP Logging
Custom Logging
Logging Tools
ODBC Logging
Request Monitor
Tracing
Performance
Static Content Compression
Dynamic Content Compression
Security
Description
Security provides infrastructure for securing the Web server from users and requests. IIS supports multiple authentication methods. Pick an appropriate authentication scheme based upon the role of the server. Filter all incoming requests, rejecting without processing requests that match user defined values, or restrict requests based on originating address space.
< Previous
Next >
Install
Cancel
Hide
1212036@student.birzei...
DEFAULT DIRECTORY
Type here to search
63°F Mostly cloudy
0:28
19/04/2024

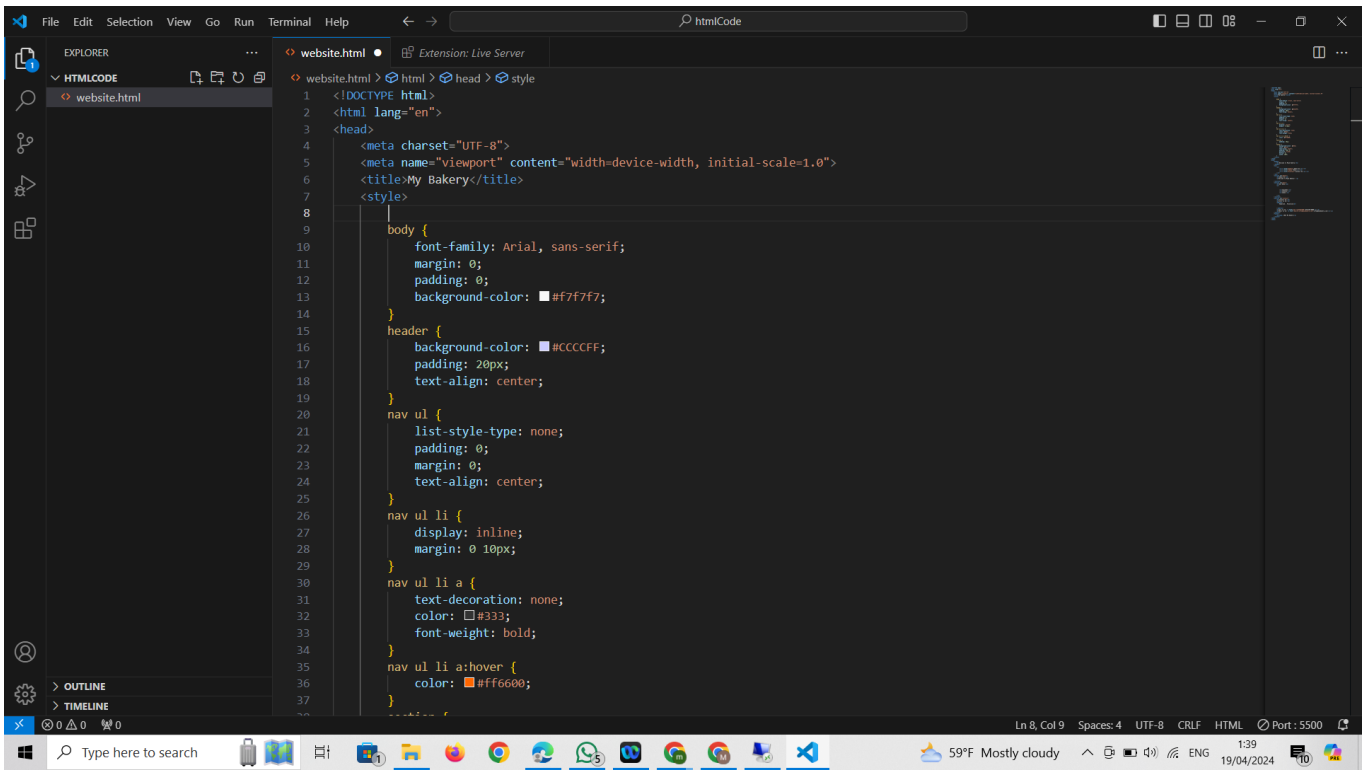

MajdVM2024 (1) - 52.237.217.15:3389 - Remote Desktop Connection
Recycle Bin
Server Manager
Manage Tools View Help
Add Roles and Features Wizard
Select role services
DESTINATION SERVER
MajdVM2024
Before You Begin
Installation Type
Server Selection
Server Roles
Features
Web Server Role (IIS)
Role Services
Confirmation
Results
Select the role services to install for Web Server (IIS)
Role services
Security
Request Filtering
Basic Authentication
Centralized SSL Certificate Support
Client Certificate Mapping Authentication
Digest Authentication
IIS Client Certificate Mapping Authenticatio
IP and Domain Restrictions
URL Authorization
Windows Authentication
Application Development
FTP Server
FTP Service
FTP Extensibility
Management Tools
IIS Management Console
IIS 6 Management Compatibility
IIS Management Scripts and Tools
Management Service
Description
Security provides infrastructure for securing the Web server from users and requests. IIS supports multiple authentication methods. Pick an appropriate authentication scheme based upon the role of the server. Filter all incoming requests, rejecting without processing requests that match user defined values, or restrict requests based on originating address space.
< Previous
Next >
Install
Cancel
Hide
1212036@student.birzei...
DEFAULT DIRECTORY
Type here to search
63°F Mostly cloudy
0:28
19/04/2024

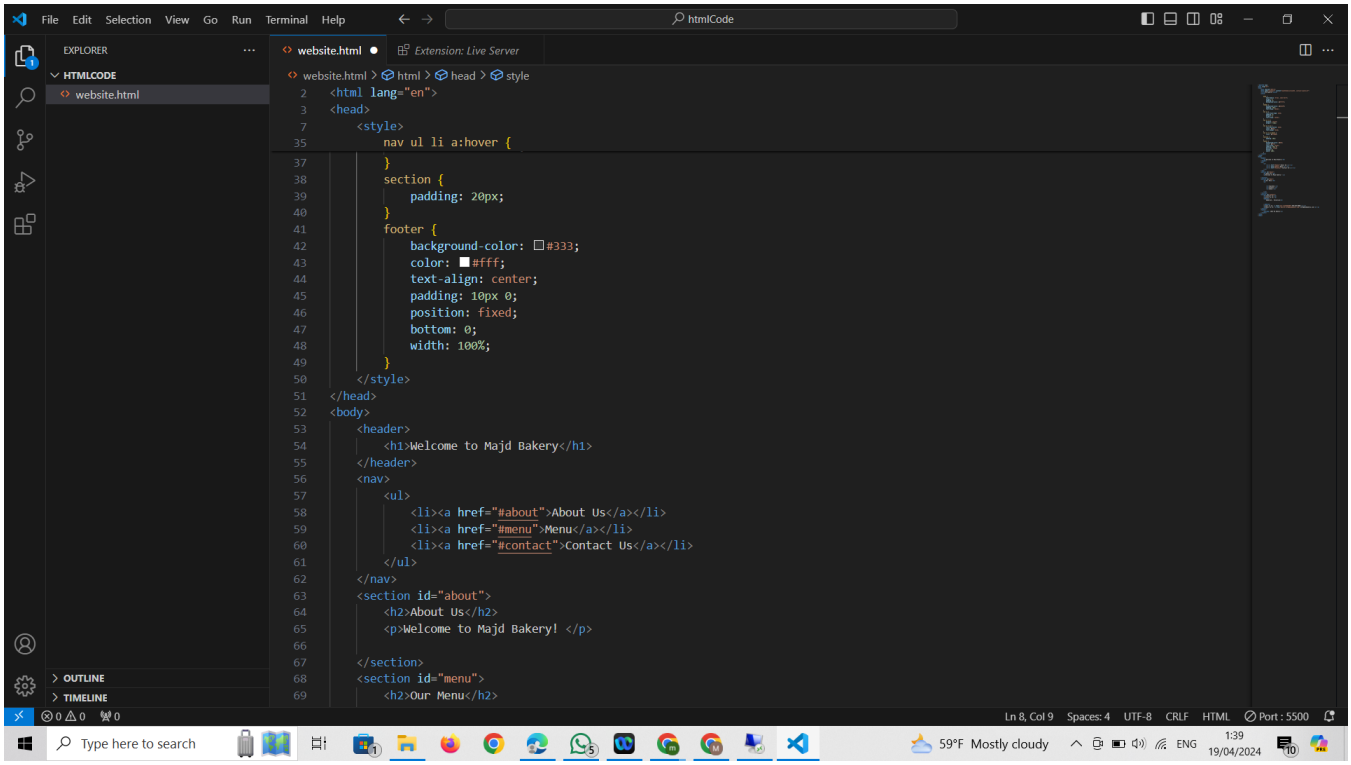

MajdVM2024 (1) - 52.237.217.15:3389 - Remote Desktop Connection
Recycle Bin
Server Manager
Add Roles and Features Wizard
Installation progress
DESTINATION SERVER
MajdVM2024
View installation progress
Feature installation
Installation succeeded on MajdVM2024.
Web Server (IIS)
Management Tools
IIS Management Console
Web Server
Common HTTP Features
Default Document
Directory Browsing
HTTP Errors
Static Content
You can close this wizard without interrupting running tasks. View task progress or open this page again by clicking Notifications in the command bar, and then Task Details.
Export configuration settings
< Previous
Next >
Close
Cancel
Before You Begin
Installation Type
Server Selection
Server Roles
Features
Web Server Role (IIS)
Role Services
Confirmation
Results
Manage
Tools
View
Help
Hide
Type here to search
High winds today
0:31
19/04/2024


MajdVM2024 (1) - 52.237.217.15:3389 - Remote Desktop Connection
Server Manager ‣ Dashboard
Dashboard
Local Server
All Servers
File and Storage Services
IIS
WELCOME TO SERVER MANAGER
QUICK START
WHAT'S NEW
LEARN MORE
1 Configure this local server
2 Add roles and features
3 Add other servers to manage
4 Create a server group
5 Connect this server to cloud services
ROLES AND SERVER GROUPS
Roles: 2 | Server groups: 1 | Servers total: 1
File and Storage Services 1
Manageability
Events
Performance
BPA results
IIS 1
Manageability
Events
Services
Performance
BPA results
Local Server 1
Manageability
Events
Services
Performance
BPA results
4/18/2024 10:35 PM
All Servers 1
Manageability
Events
Services
Performance
BPA results
4/18/2024 10:35 PM
Type here to search
64°F Mostly cloudy
0:38
19/04/2024

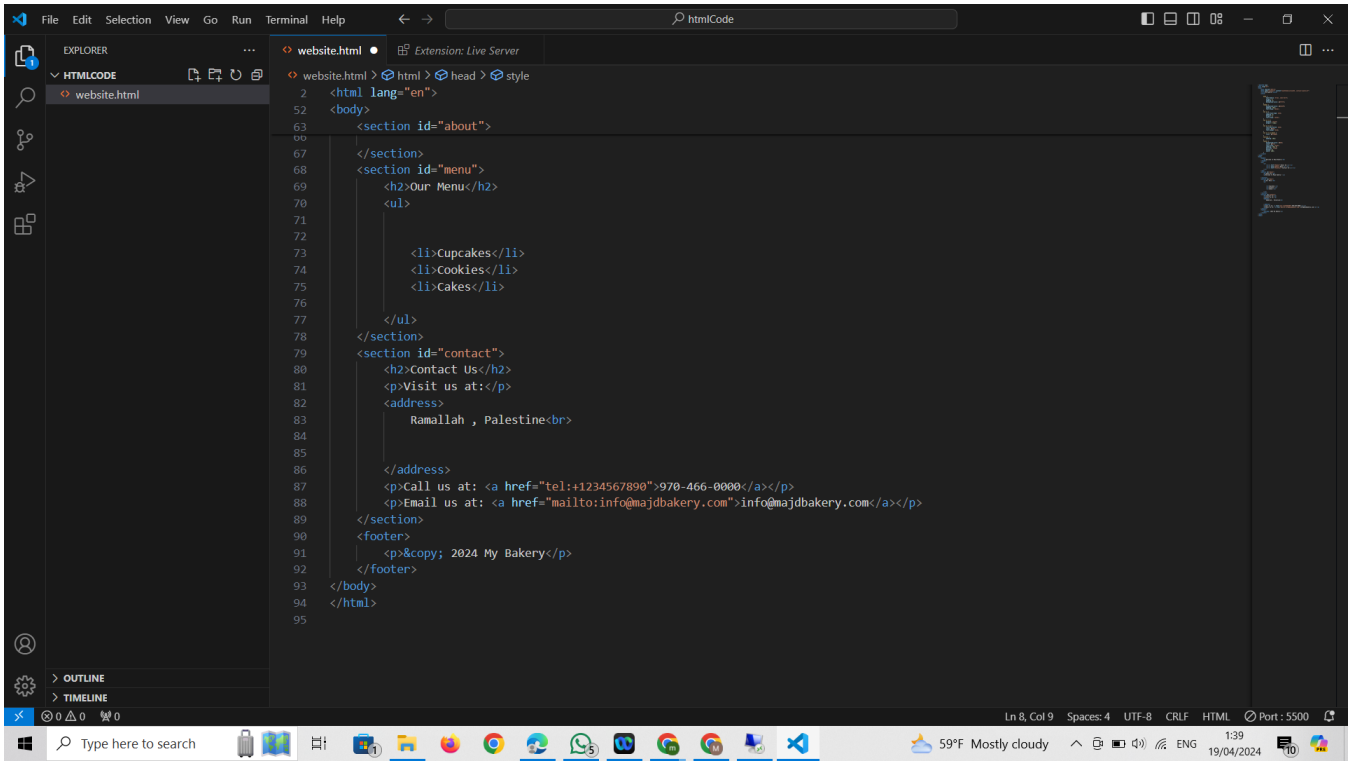
Step 4: Creating a Simple Webpage:

With the web server installed, it was time to create my bakery's website. I used a basic code editor like Visual Studio Code to write the code for the webpage. I included information about my bakery, some pictures of my delicious treats, and how customers can get in touch with me. It's kind of like creating a menu board for my bakery so people know what's available.

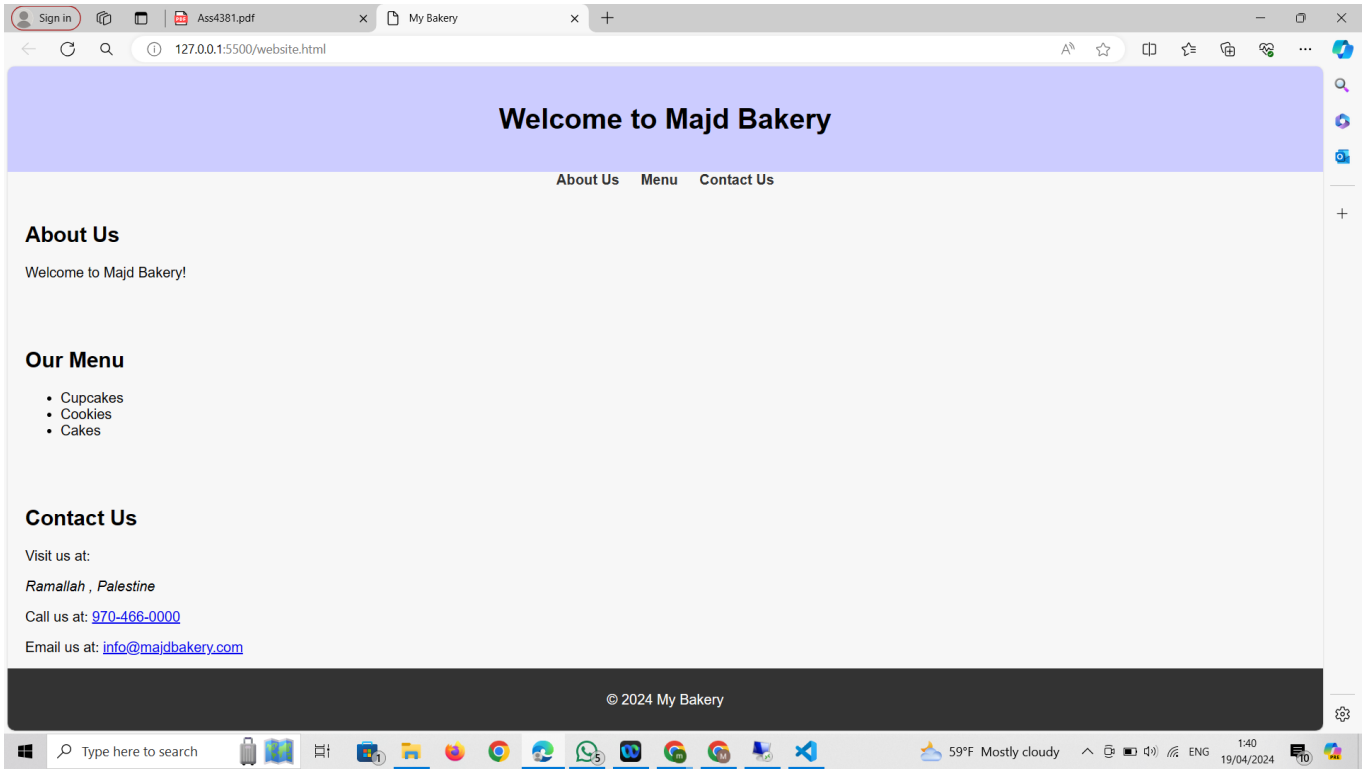


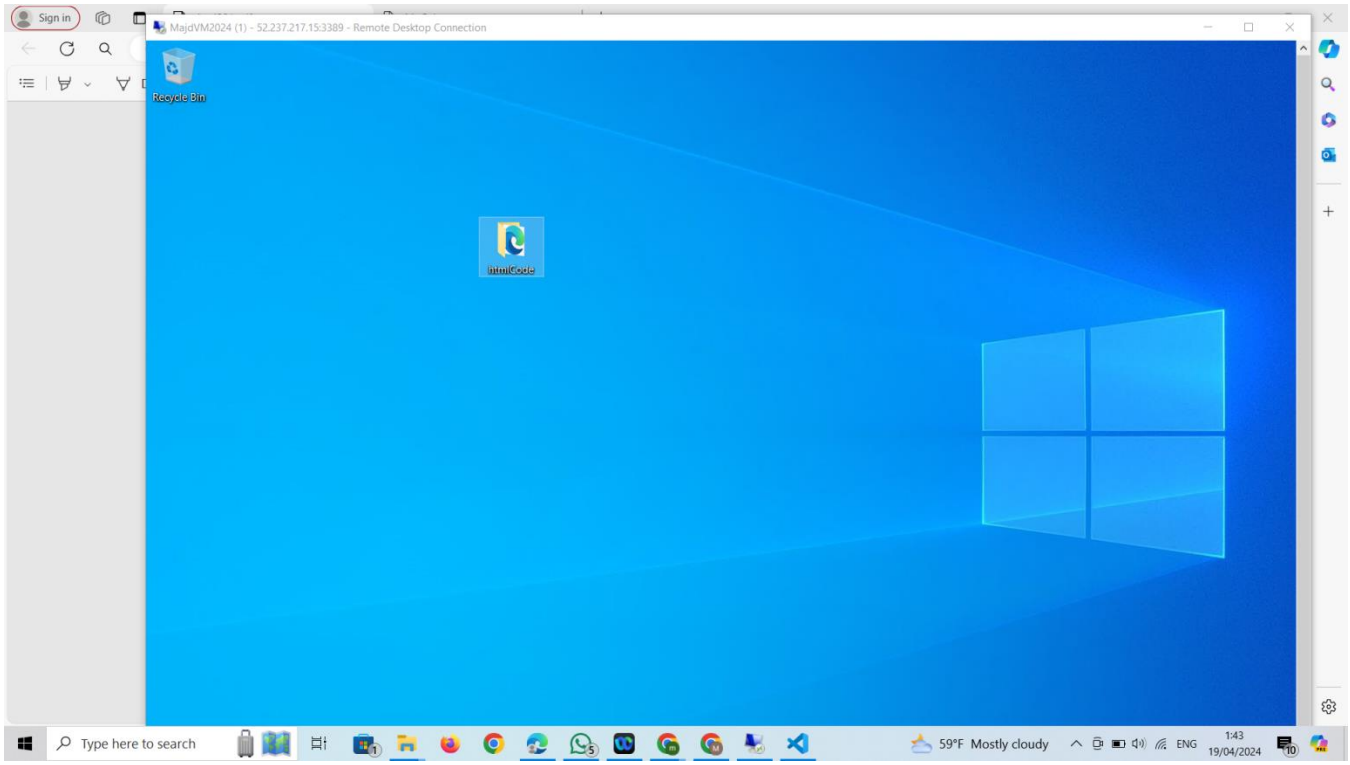



```
<html lang="en">
<head>
    <style>
        nav ul li a:hover {
        }
        section {
            padding: 20px;
        }
        footer {
            background-color: #333;
            color: #fff;
            text-align: center;
            padding: 10px 0;
            position: fixed;
            bottom: 0;
            width: 100%;
        }
    </style>
</head>
<body>
    <header>
        <h1>Welcome to Majd Bakery</h1>
    </header>
    <nav>
        <ul>
            <li><a href="#about">About Us</a></li>
            <li><a href="#menu">Menu</a></li>
            <li><a href="#contact">Contact Us</a></li>
        </ul>
    </nav>
    <section id="about">
        <h2>About Us</h2>
        <p>Welcome to Majd Bakery! </p>

    </section>
    <section id="menu">
        <h2>Our Menu</h2>
```



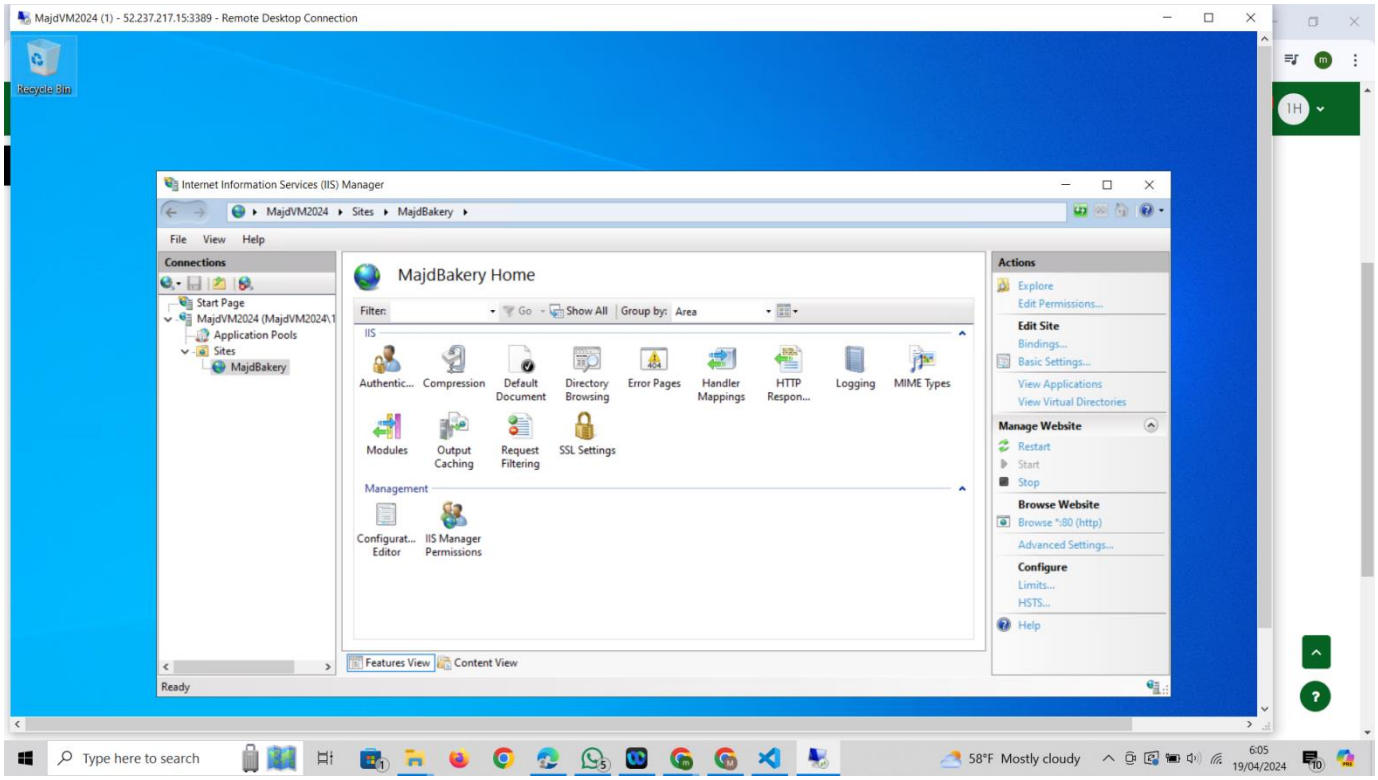

```
<html lang="en">
<body>
    <section id="about">

    </section>
    <section id="menu">
        <h2>Our Menu</h2>
        <ul>


            <li>Cupcakes</li>
            <li>Cookies</li>
            <li>Cakes</li>

        </ul>
    </section>
    <section id="contact">
        <h2>Contact Us</h2>
        <p>Visit us at:</p>
        <address>
            Ramallah , Palestine<br>


        </address>
        <p>Call us at: <a href="tel:+1234567890">970-466-0000</a></p>
        <p>Email us at: <a href="mailto:info@majdbakery.com">info@majdbakery.com</a></p>
    </section>
    <footer>
        <p>&copy; 2024 My Bakery</p>
    </footer>
</body>
</html>
```

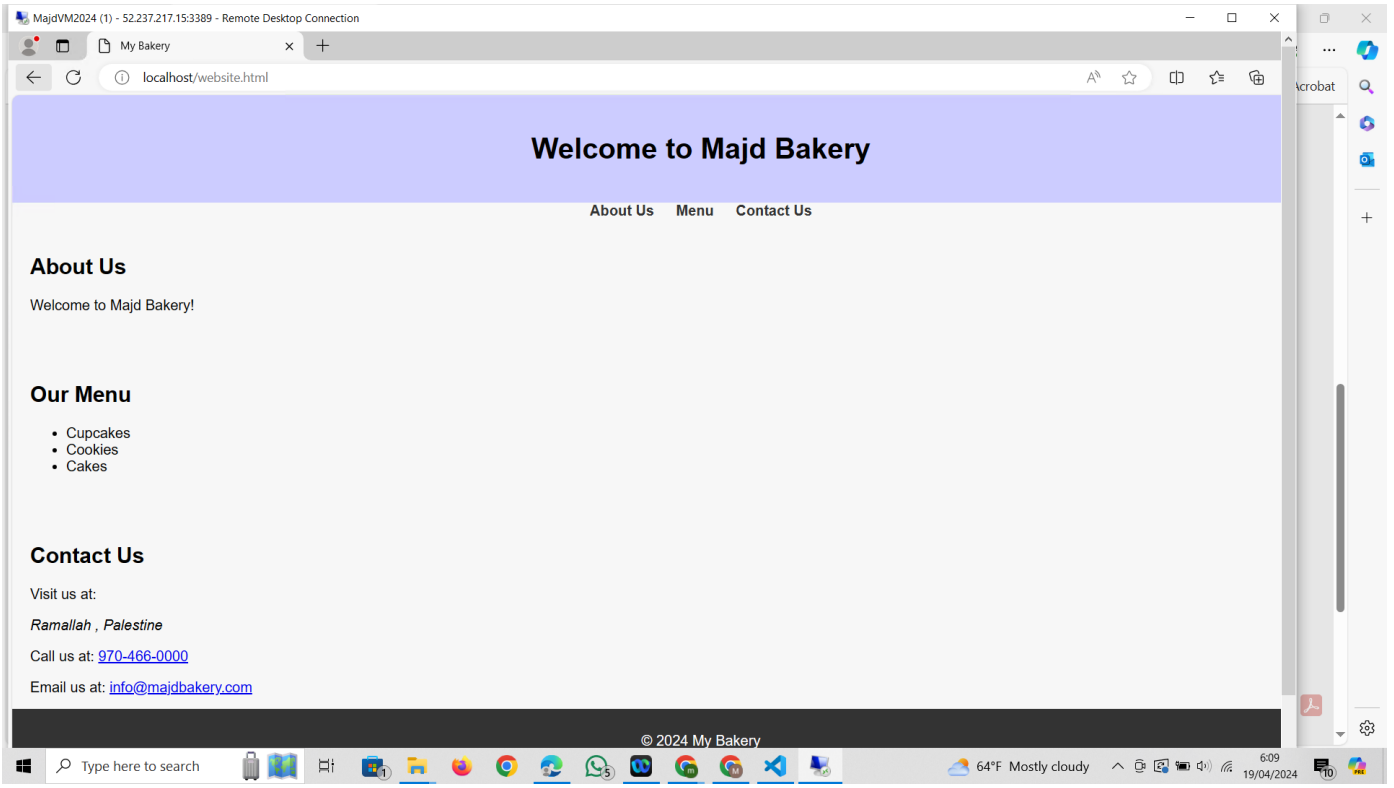

Sign in
Ass4381.pdf
My Bakery
127.0.0.1:5500/website.html
Welcome to Majd Bakery
About Us
Menu
Contact Us
About Us
Welcome to Majd Bakery!
Our Menu
Cupcakes
Cookies
Cakes
Contact Us
Visit us at:
Ramallah , Palestine
Call us at: 970-466-0000
Email us at: info@majdbakery.com
© 2024 My Bakery
Type here to search
59°F Mostly cloudy
ENG
1:40
19/04/2024


Sign in
MajdVM2024 (1) - 52.237.217.15:3389 - Remote Desktop Connection
Recycle Bin
HtmlCode
Type here to search
59°F Mostly cloudy
ENG
1:43
19/04/2024

Step 5: Configuring the Web Server:

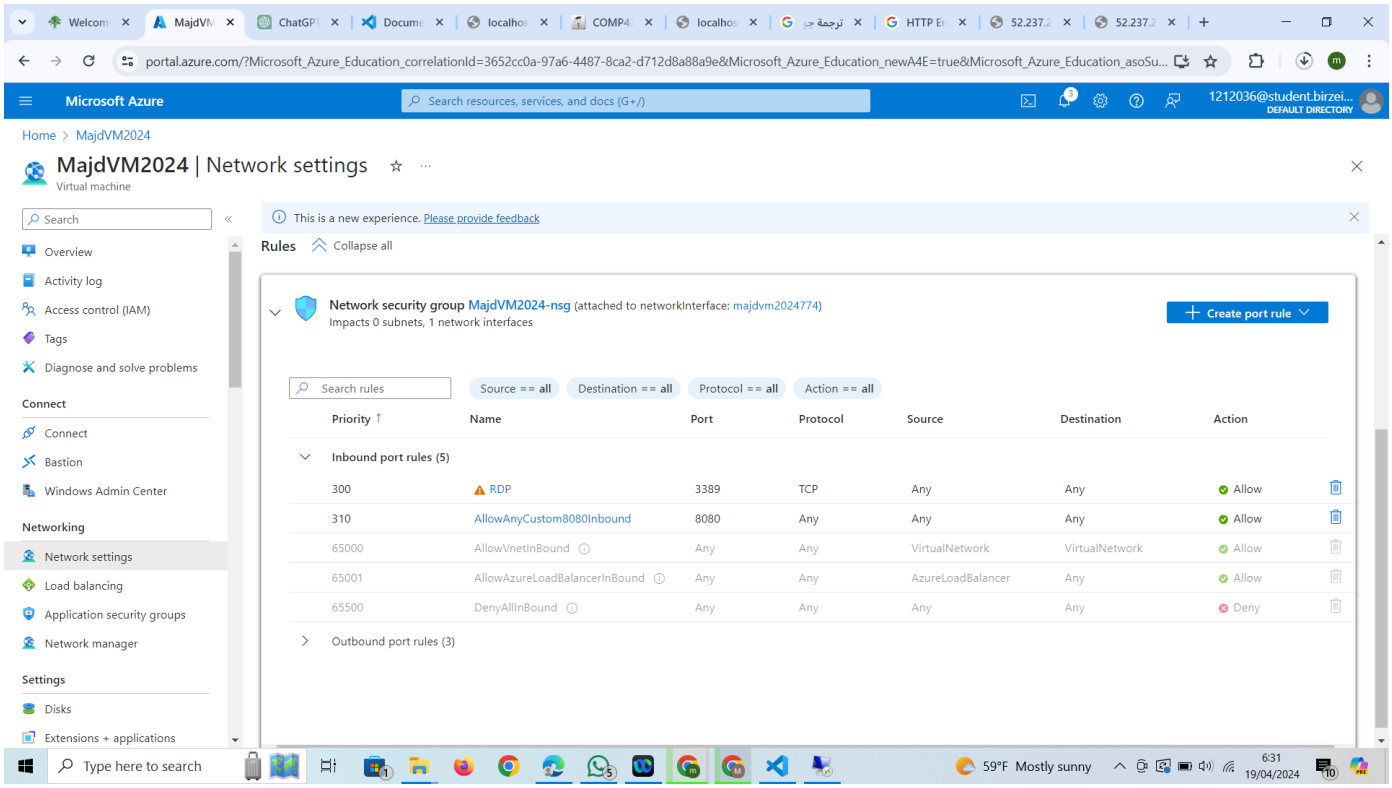
Now that my webpage was ready, I needed to tell the web server where to find it. I configured the web server to serve the HTML file I created. This involved setting up the directory where my website files are stored, so the web server knows where to look for them. It's like organizing my bakery's kitchen so everything is easy to find and ready to serve up to customers.





Step 6: Testing my Website:

Finally, with everything set up, it was time to make sure my website was working correctly. I opened a web browser and entered the public IP address of my virtual machine. It's like opening the doors to my bakery and inviting people in to see what I have to offer. If everything is set up correctly, visitors should be able to see my bakery website and all its delicious offerings when they visit the URL.


Microsoft Azure
Search resources, services, and docs (G+/)
1212036@student.birzei...
DEFAULT DIRECTORY
Home > MajdVM2024
MajdVM2024 | Network settings
Virtual machine
Search
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Connect
Connect
Bastion
Windows Admin Center
Networking
Network settings
Load balancing
Application security groups
Network manager
Settings
Disks
Extensions + applications
This is a new experience. Please provide feedback
Rules
Collapse all
Network security group MajdVM2024-nsg (attached to networkInterface: majdvm2024774)
Impacts 0 subnets, 1 network interfaces
Create port rule
Search rules
Source == all
Destination == all
Protocol == all
Action == all
Priority
Name
Port
Protocol
Source
Destination
Action
Inbound port rules (5)
300 RDP 3389 TCP Any Any Allow
310 AllowAnyCustom8080Inbound 8080 Any Any Any Allow
65000 AllowVnetInBound Any Any VirtualNetwork VirtualNetwork Allow
65001 AllowAzureLoadBalancerInBound Any Any AzureLoadBalancer Any Allow
65500 DenyAllInBound Any Any Any Any Deny
Outbound port rules (3)
Type here to search
59°F Mostly sunny
6:31
19/04/2024