Module Title: Distributed and Cloud Systems Programming
(5CS022)

Subject Title: Workshop 07

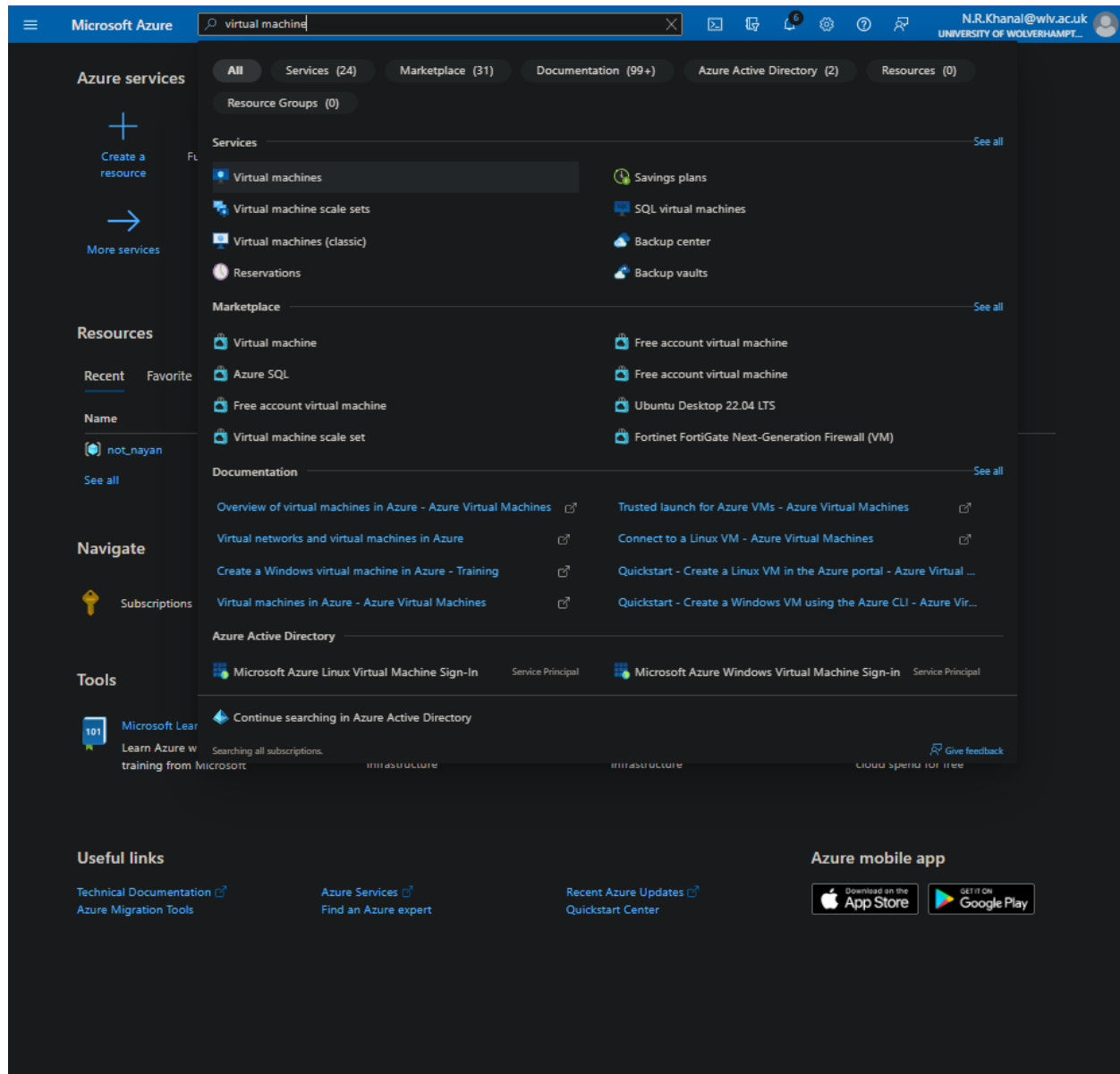**Student Name: Nayan Raj Khanal**

Student Code: 2227486

Instructor: Mr. Prabin Sapkota

Submitted on: 28.04.2023

Azure Virtual Machine:

Step 1: Creating a Virtual Machine

➔ Search for Virtual machines in the search bar

➔ Click on create and select Azure Virtual Machine

➔ Enter details and click Review + Create:

NOTE:

1. Select windows server

2. Select the cheapest size

3. Select all the ports

➔ Review your details and press Create

➔ Please be patient while the VM is being deployed
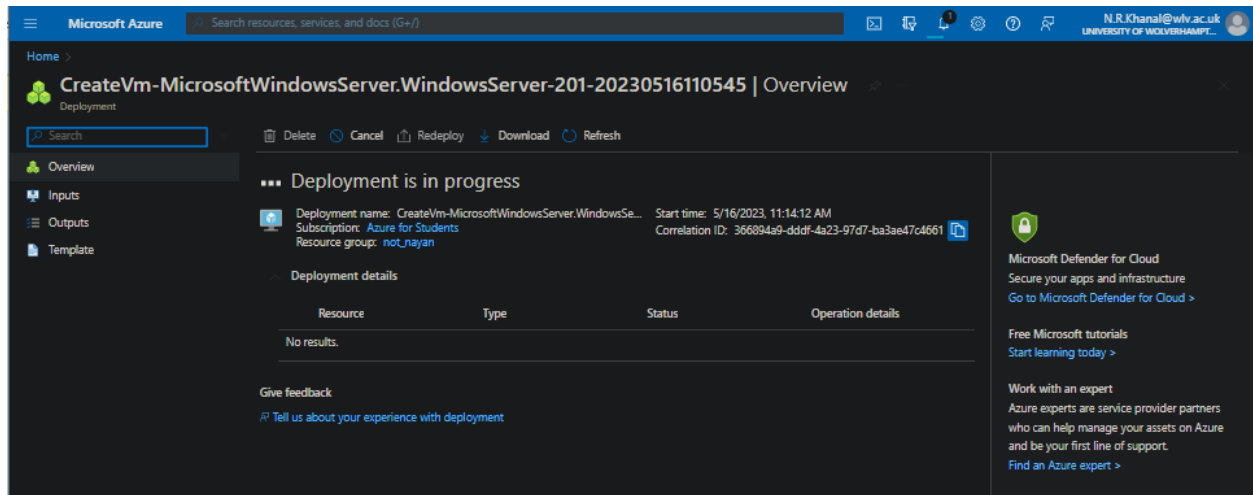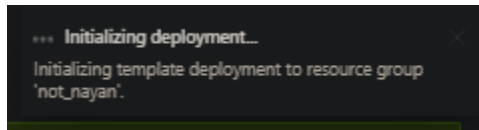
Once completed you will see
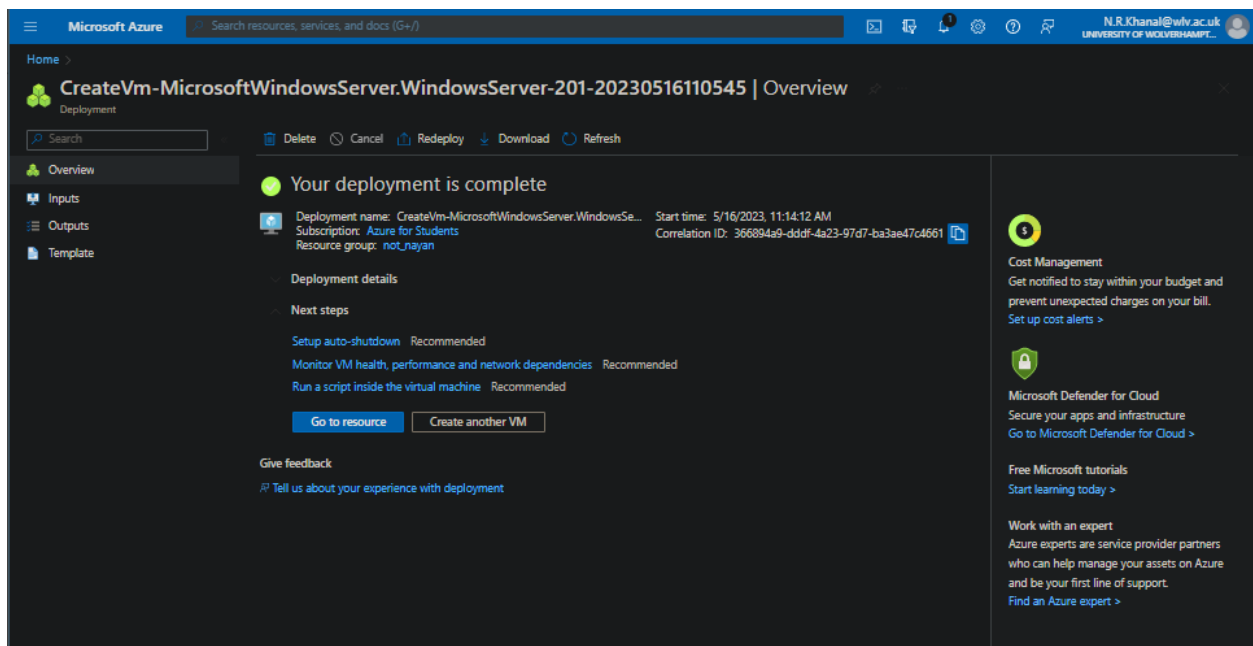
Click on go to resource to continue our workshop.

Step 2: Connecting to the Virtual Machine

➔ Select the connect button

➔ Select RDP and download the file.

NOTE: Save the IP address, we'll need it later.

➔ Open the RDP file, you'll get a warning, don't worry and press connect
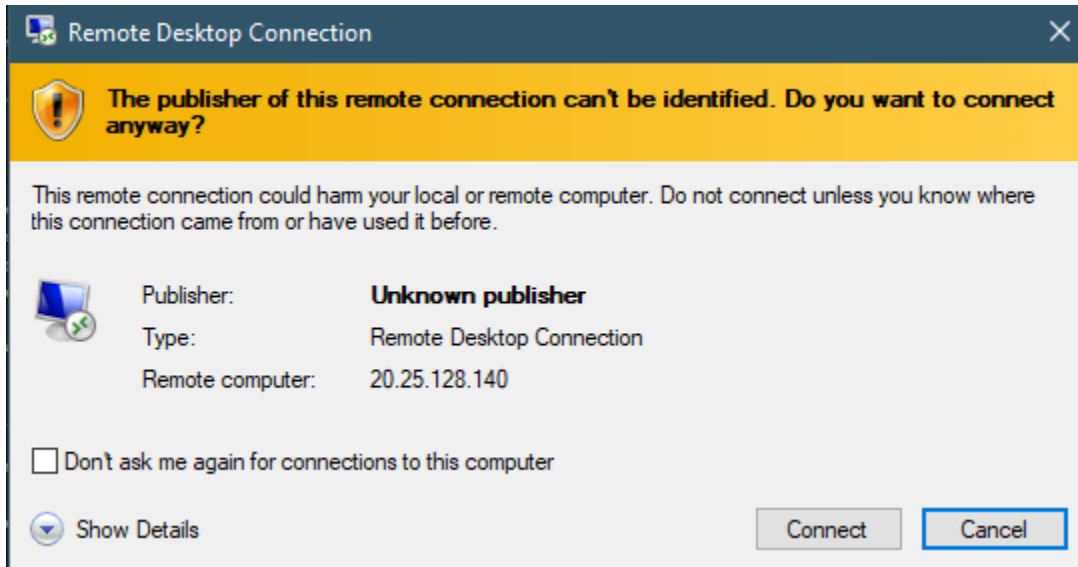
➔ Enter your credentials used to create the VM
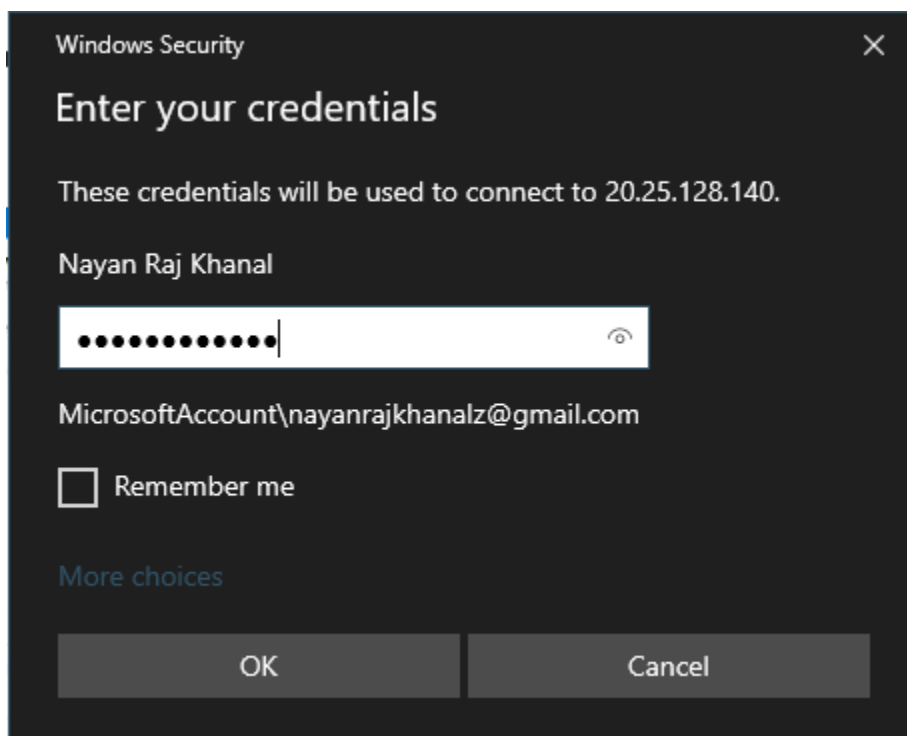
➔ Click Yes again
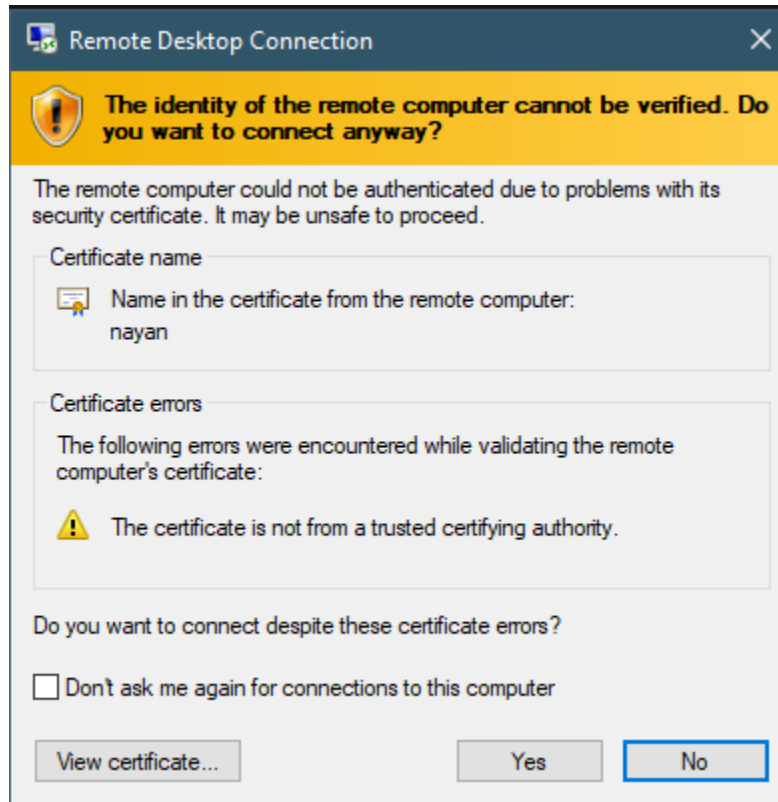
You should be logged in your server
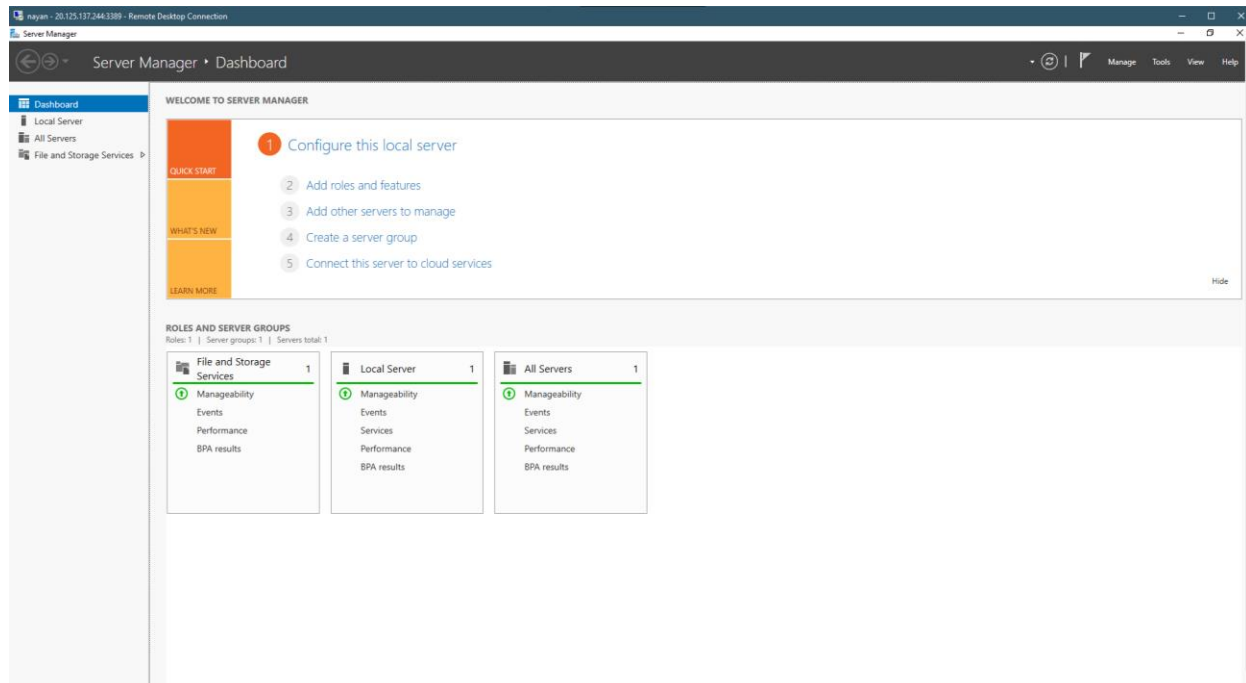
Step 3: Using Windows Server

Task – Setting up IIS
Start "Server Manager" if it is not already running.

● Click "Manage", and then "Add Roles And Features".

● Click Next.

● Select "Role-Based or feature-based installation" and click next.
● Select your server, and click next.
Click "Web Server", and drill down into the options. Set them as following:
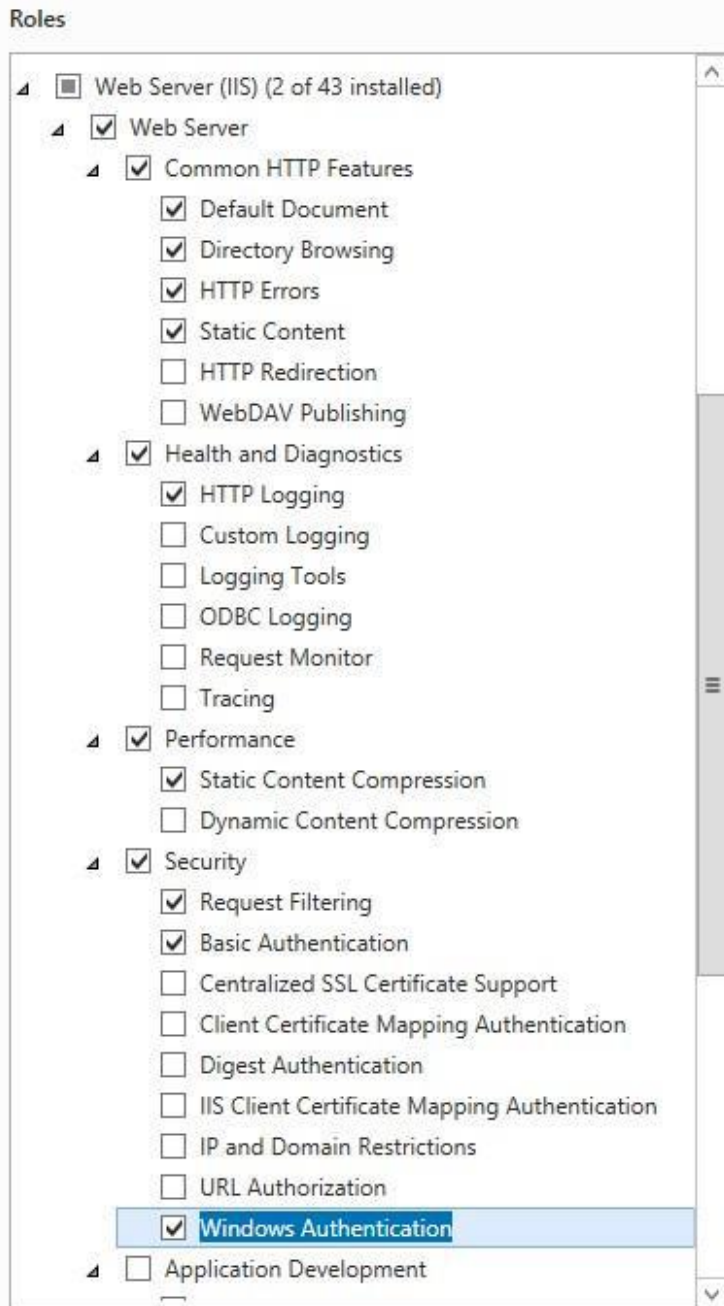
Also, click "ASP.NET 4.6" under "Application Development". You will get the following popup:

Add Roles and Features Wizard ✕

Add features that are required for ASP.NET 4.6?

You cannot install ASP.NET 4.6 unless the following role services or features are also installed.

- ▲ .NET Framework 4.6 Features
    - ASP.NET 4.6
- ▲ Web Server (IIS)
    - ▲ Web Server
        - ▲ Application Development
            - ISAPI Extensions
            - ISAPI Filters
            - .NET Extensibility 4.6

☑ Include management tools (if applicable)

[Add Features] [Cancel]

● Please note, you may get a different ASP.NET version, by the time you do this as it is updated regularly.

● Click "Add Features".

● Click "Next".

● And then click "Install".

● When it has finished installing, click "Close".

● When you have finished, open Internet Explorer, and go to
http://127.0.0.1
 ● You should get a page saying "Internet Information Services".

Task – creating a website.

Go to the Start Menu, and start IIS.

● Click on your server name, from the list on the left of IIS.

● If you get a message asking "Do you want to get started with Microsoft Web Platform", tick "Do not show this message", and then click "No".

● You should see "Default Web Site" under "Sites". Right-click, and click "Explore".

● Windows Explorer should appear.

● Click "View", "Options", and then "Change folder and search options":
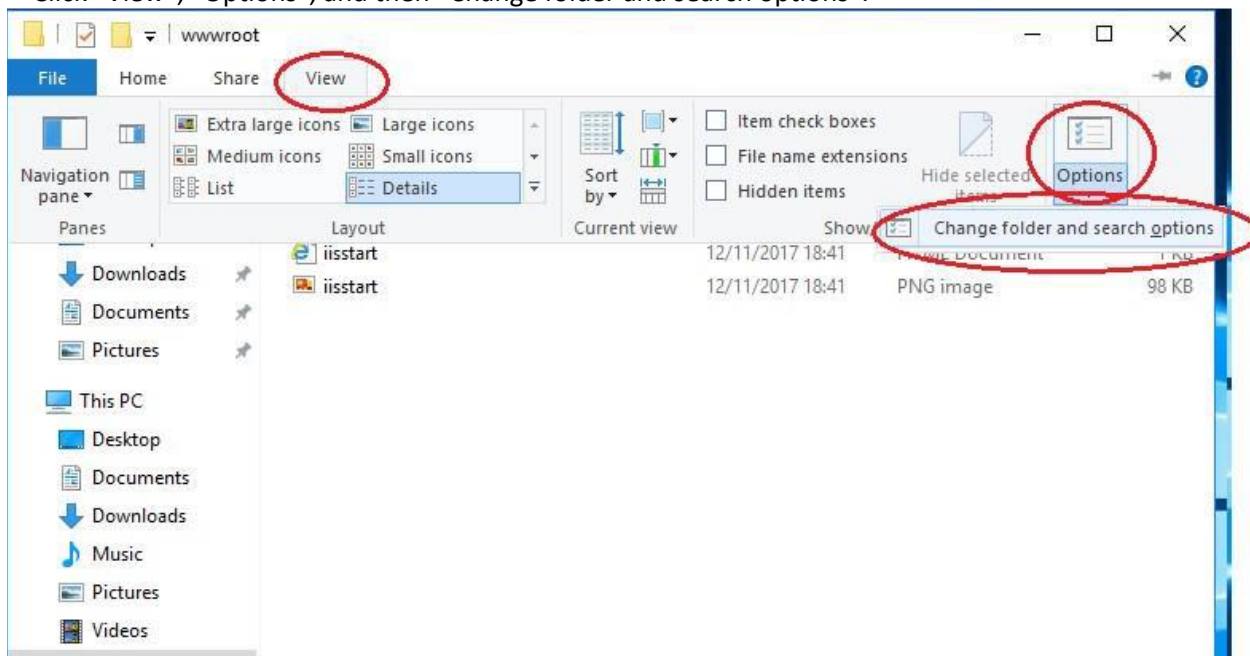
● In the "Folder Options" window, click "View", and scroll down. Untick "Hide extensions for known file types", and then click "Apply", and "OK".

● Create a new text file, called "test.aspx". Open it for editing.

● Paste the files in these directory
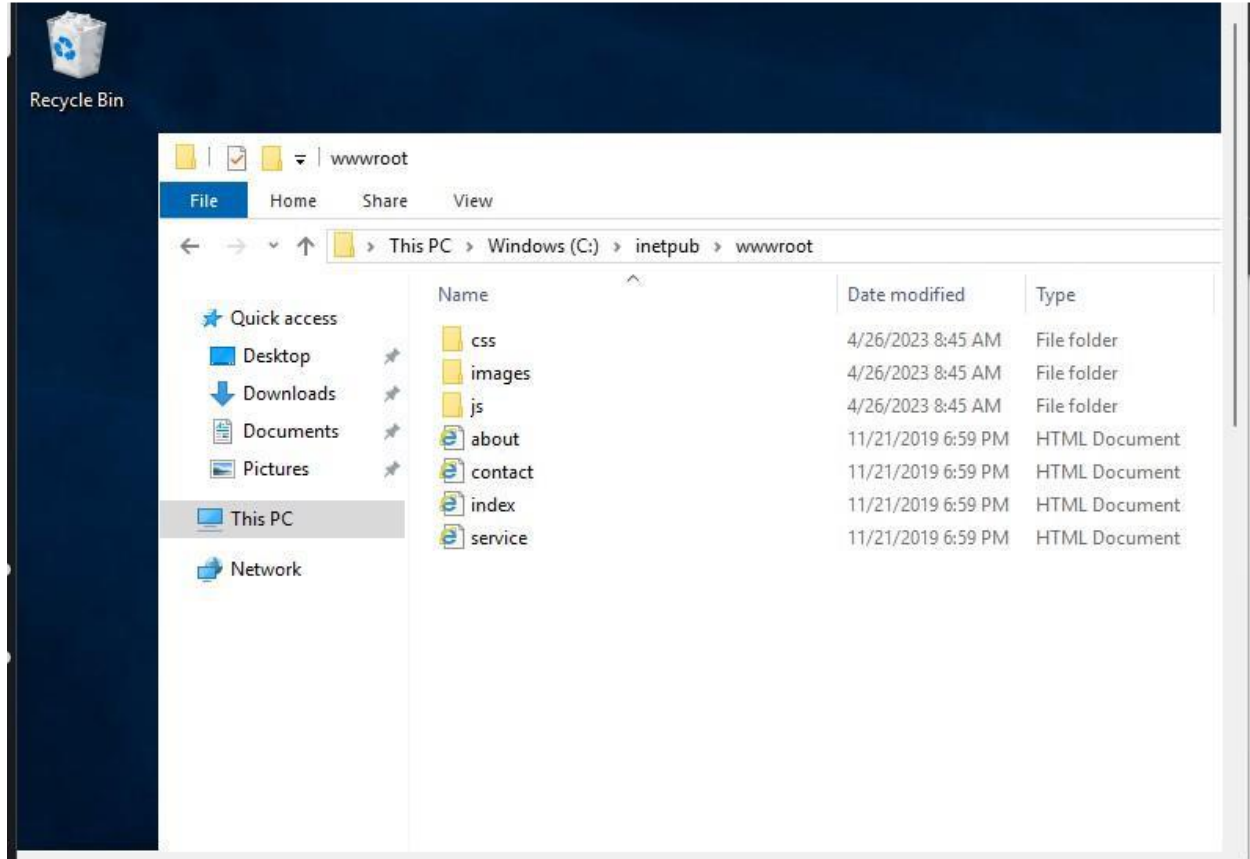
Open the site using public id of your virtual machine that was created in azure