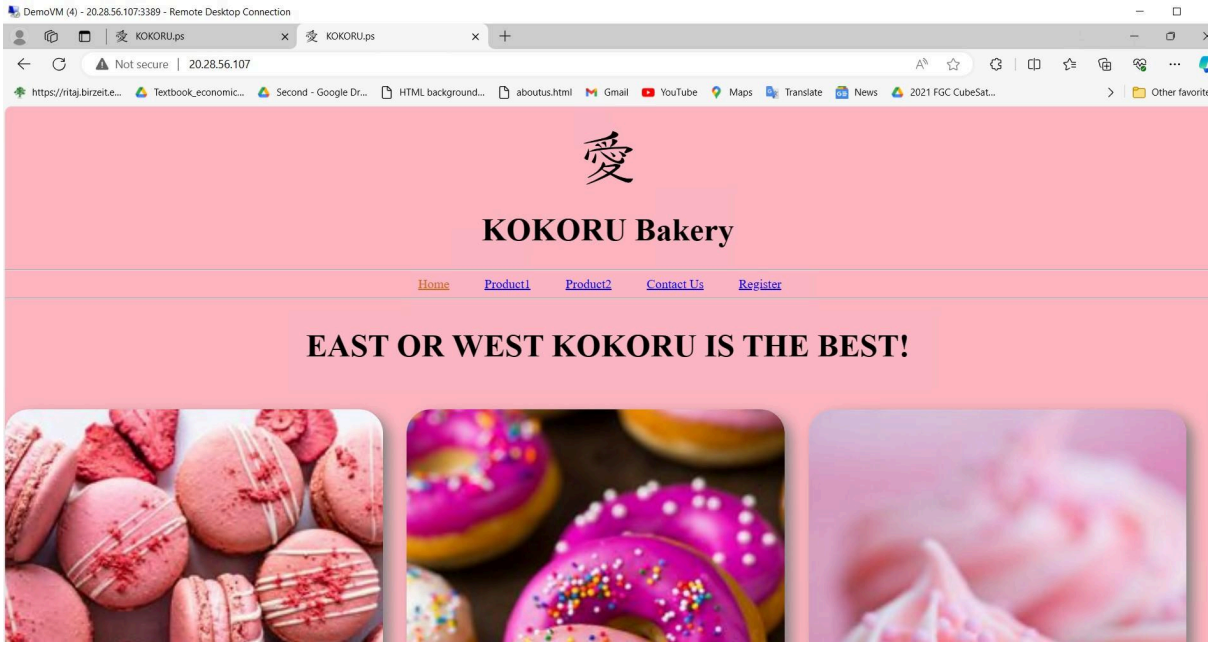
CLOUD COMPUTING & DATA SECURITY
COMP4381
First Assignment

Instructor: Dr.Ruba Awadallah

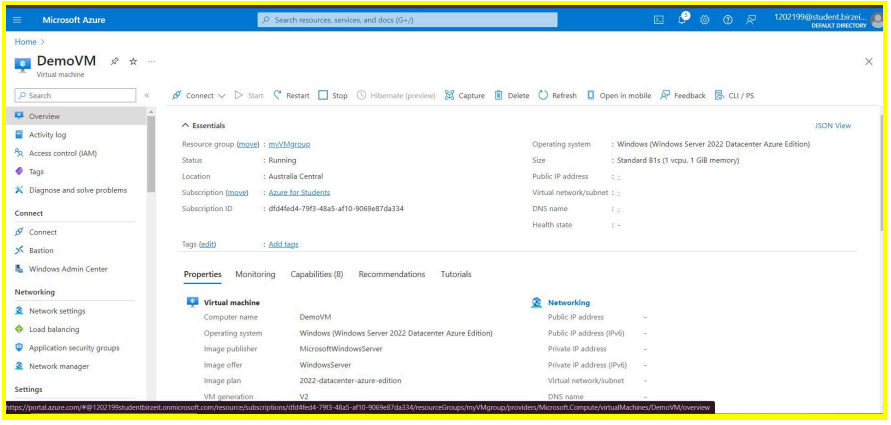
Name:Yuna Nawahda
ID:1211524

IP address :20.28.56.107

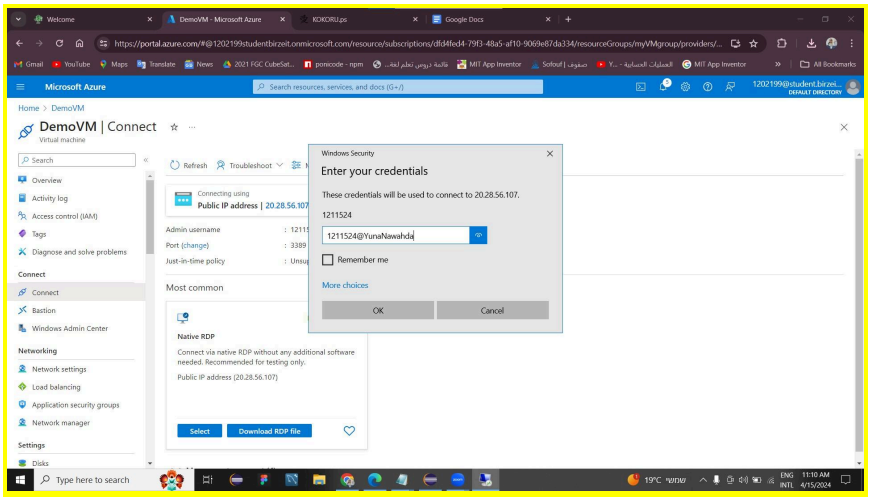
Lets make BAKERY APP IN VM AZURE🤩🤩!!!



- **Here I create the VM called DemoVM on Azure.**
  - Enter *virtual machines* in the search.
  - Under Services, select Virtual machines for students.
  - In the Virtual machines page, select Create and then Virtual machine. The Create a virtual machine page opens then fill out as bellow :

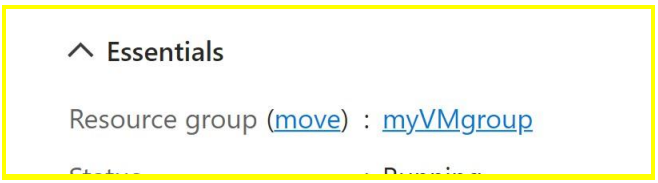


- **Make my user name my id that equals 1211524 and the password equals to 1211524@YunaNawahda. student ID, and the password should be your ID followed by the (@) symbol, then your name and family name; the first letter is capitalised;**



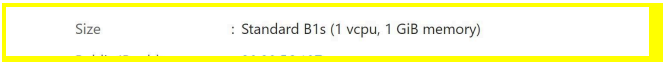
- **Choose a subscription (a free tier should be available) that i choose Azure for student that give the students budget 100$ to use it.**

- **Select a resource group (create a new one or use an existing one). Here i created a new one and named it myVMgroup**

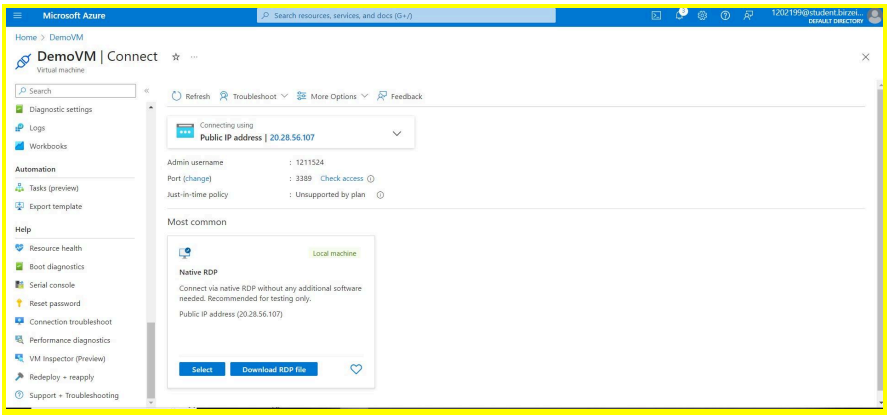


- **Pick a virtual machine image (Windows Server 2022 Datacenter).as required**

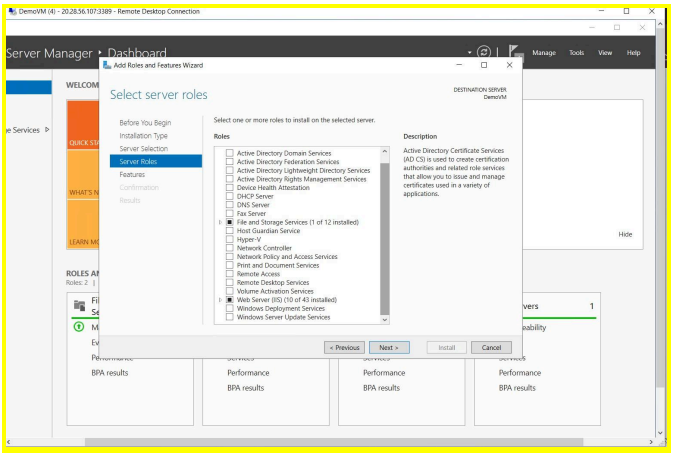
- **Configure VM size (choose a free tier option, Basic B1s). as required**

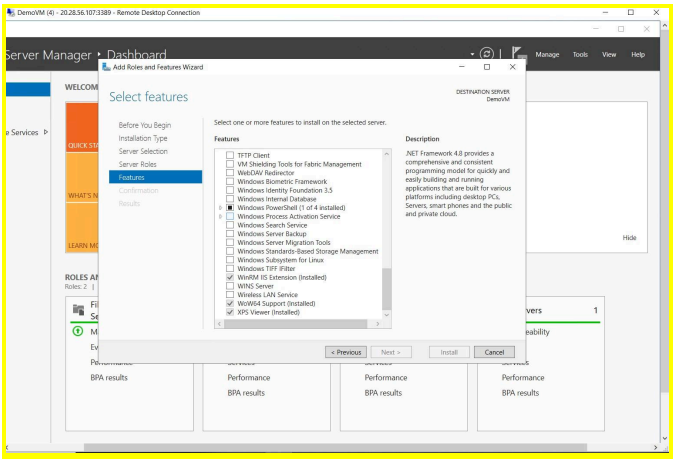


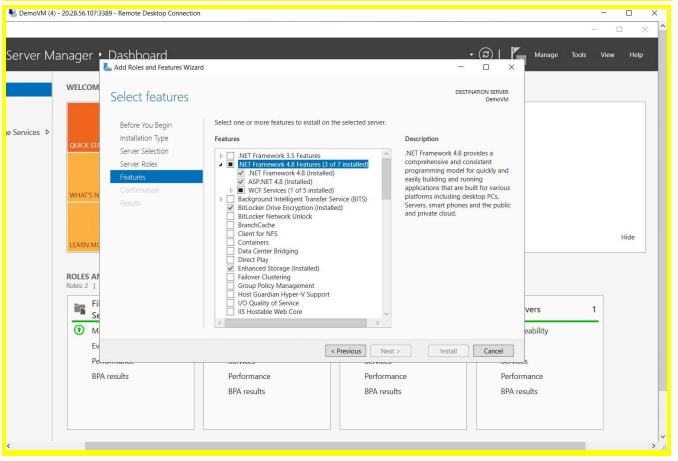
- **Once the VM is created, locate the "Connect" button and choose either RDP or SSH, depending on your OS preference. Since i choose RDP as recommended when i want to connect i should download the RDP file to build configuration to open the VM that i create and give IP** 20.28.56.107**.as shown on the screen below:**



- **Install a web server like Internet Information Services (IIS) for Windows**
  - Open Add roles and features Wizard.
  - click Next
  - Select server rolesSelect the Web Server (IIS) option on the server roles page.
  - Click on Add Features.
  - the Web Server (IIS) option is checked and proceed by clicking Next.
  - On the Select Features window, simply proceed by clicking Next as we do not need any additional features at this time.
  - Confirm installation selections.
  - Open a web browser and confirm that IIS is functioning correctly.




DemoVM (4) - 20.28.56.107:3389 - Remote Desktop Connection
Server Manager • Dashboard
Add Roles and Features Wizard
Select features
DESTINATION SERVER
DemoVM
Before You Begin
Installation Type
Server Selection
Server Roles
Features
Confirmation
Results
Select one or more features to install on the selected server.
Features
Description
.NET Framework 4.8 provides a comprehensive and consistent programming model for quickly and easily building and running applications that are built for various platforms including desktop PCs, Servers, smart phones and the public and private cloud.
< Previous
Next >
Install
Cancel
BPA results
Performance
Hide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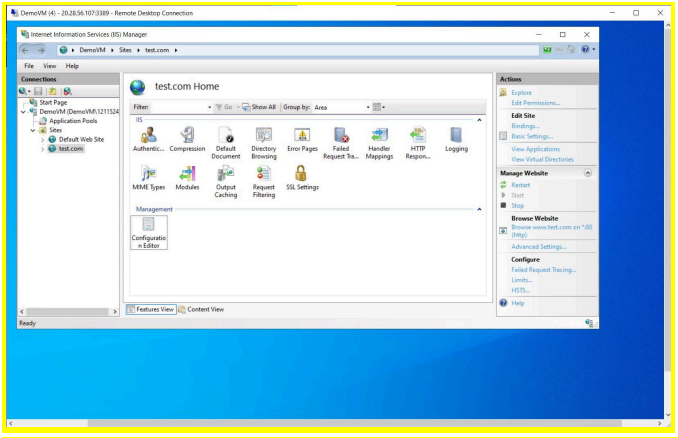
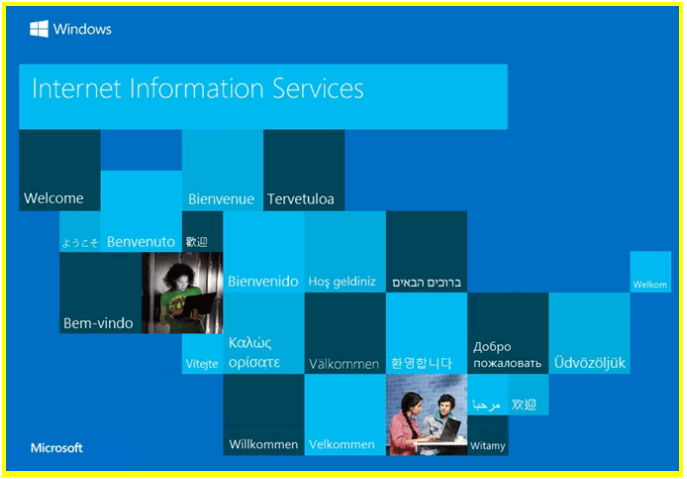
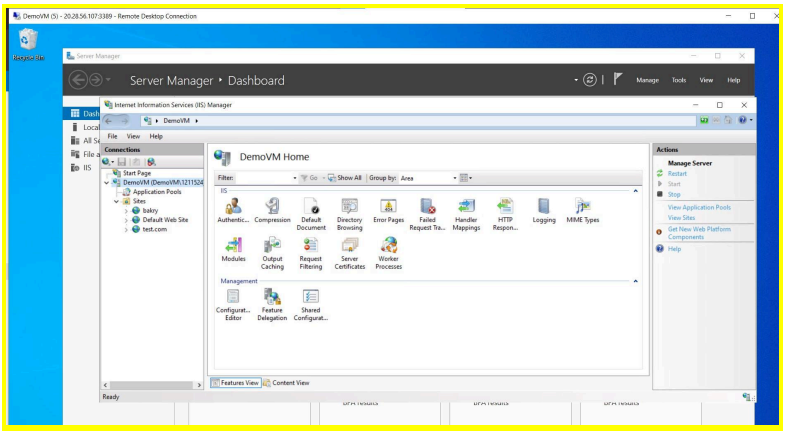
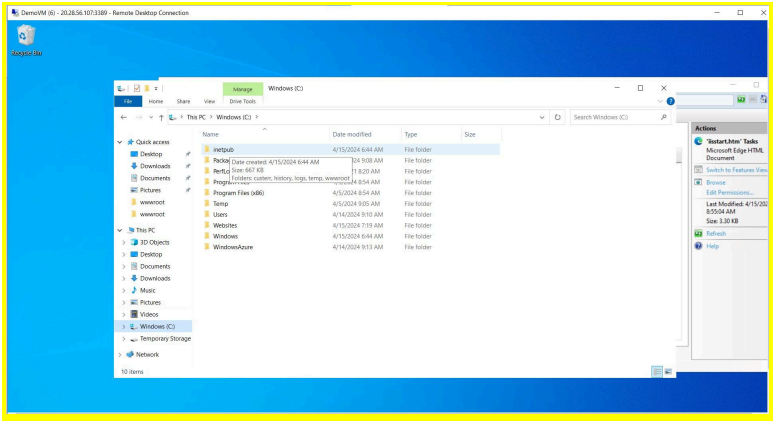
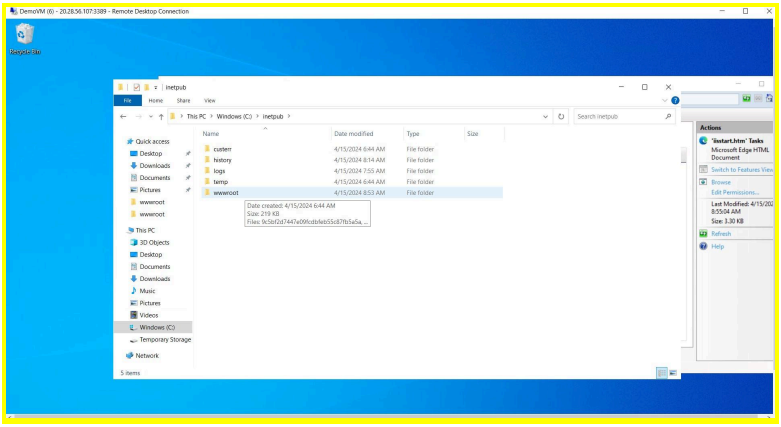

DemoVM (4) - 20.28.56.107:3389 - Remote Desktop Connection
Internet Information Services (IIS) Manager
test.com Home
Connections
Actions
Manage Website
Browse Website
Configure
Ready

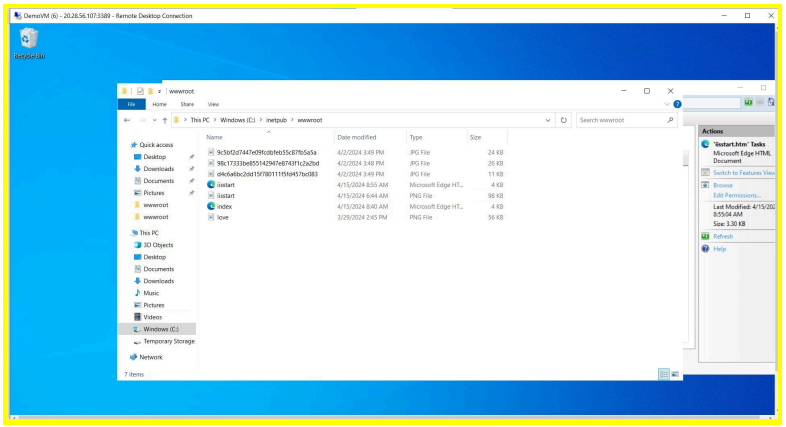

Windows
Internet Information Services
Welcome
Bienvenue
Tervetuloa
ようこそ
Benvenuto
歡迎
Bienvenido
Hoş geldiniz
ברוכים הבאים
Welkom
Bem-vindo
Vitejte
Καλώς ορίσατε
Välkommen
환영합니다
Добро пожаловать
Üdvözöljük
مرحبا
双迎
Willkommen
Velkommen
Witamy
Microsoft

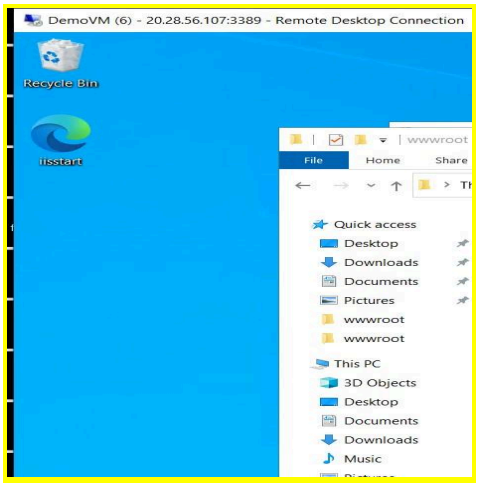
- **Create a basic HTML file with your bakery information, pictures (optional), and contact details. Configure your chosen web server to serve the HTML file you created. This will involve setting up the appropriate directory for your website files.**
    - Go to C:/ file then to inet pub.
    - Choose wwwroot
    - Then we will se the default web page then i will change the notepad content of html file to my BAKERY html file as required .



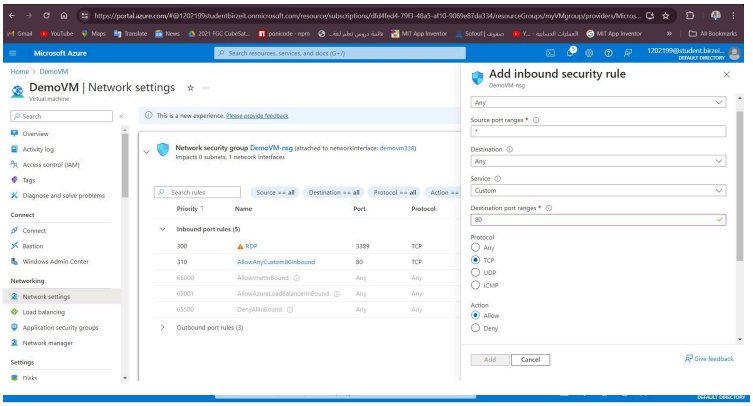


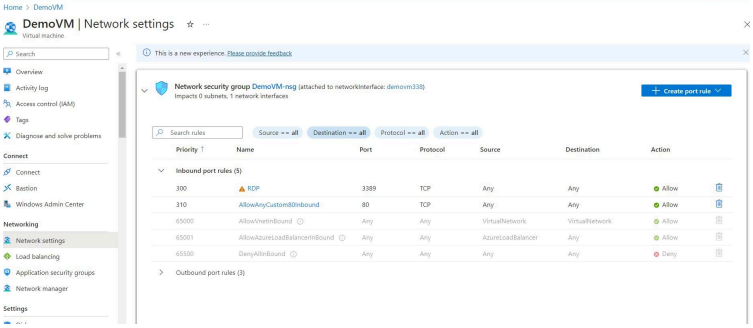






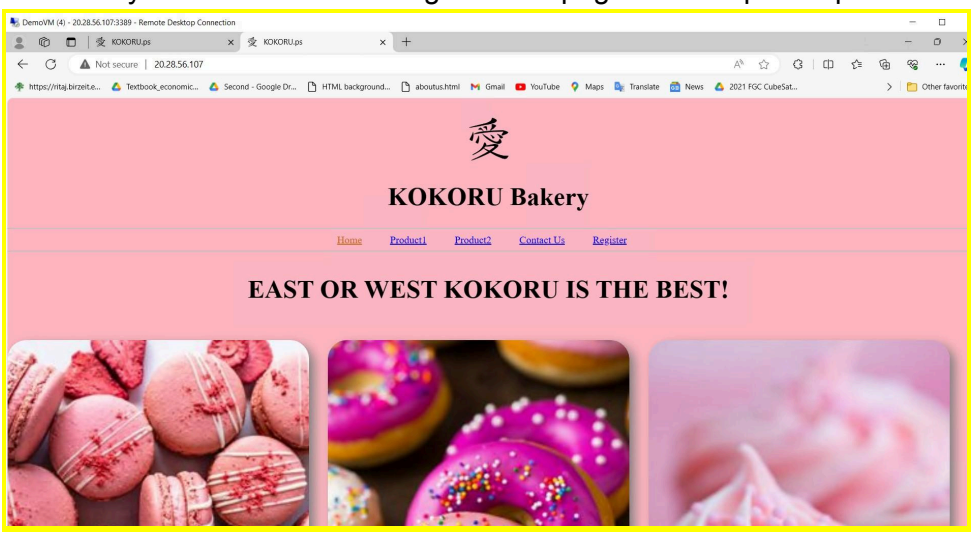
And should now from the network setting create port rule by choosing inbound port rule thet the port is 80 and TCP:

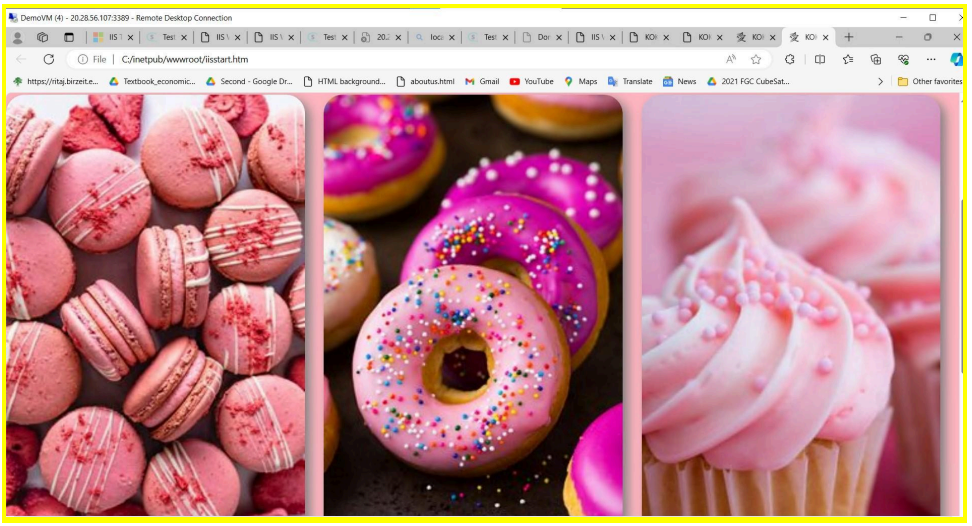




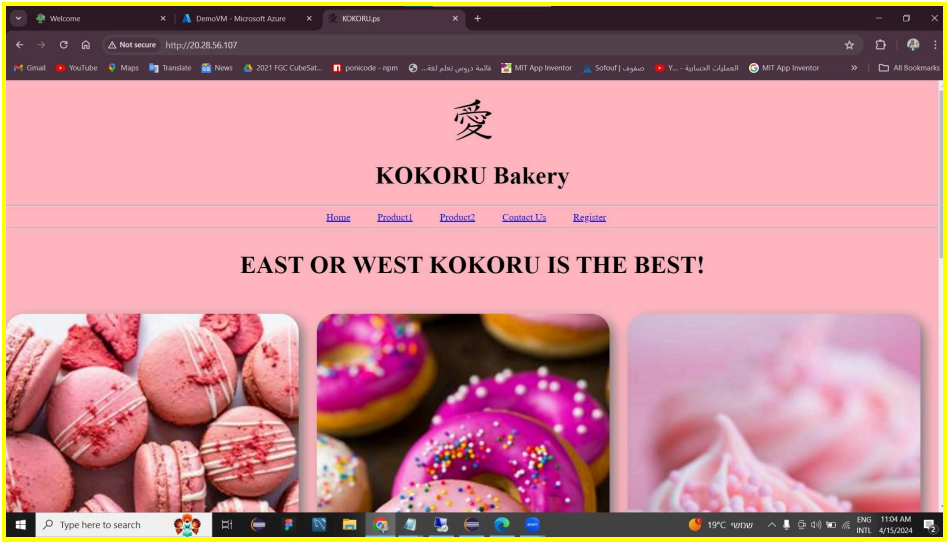
- **Once everything is set up, try accessing your website by opening a web browser and entering the public IP address of your VM. You should see your bakery website.**

Here is my local host VM running the html page with the public ip address:





this is my local host running my html page with the the public ip address that create in VM:



AND YAHOOOOOOO!!!!! Finally Here is my website on Vrtual machine 💃💃💃💃

Here is the link: http://20.28.56.107/

Cant wait for your feedback!
Thank u!!!!