Deploy Linux and Windows Virtual Machines and Access via SSH and RDP

Objective:

To deploy Linux and Windows virtual machines and access them remotely using SSH (for Linux)

and RDP (for Windows).

1. Deploy a Linux Virtual Machine (e.g., Ubuntu on Azure)

Steps:

```
1. Login to Azure Portal (https://portal.azure.com)

2. Click on 'Create a resource' > 'Virtual Machine'

3. Configure:

    - Name: linux-vm

    - Image: Ubuntu 22.04 LTS

    - Authentication: SSH public key

    - Username: azureuser

    - Allow inbound port: SSH (22)

4. Click on 'Review + create' then 'Create'

5. Once deployed, get the public IP address
```

SSH into the Linux VM

Using terminal or SSH client (e.g., PuTTY):

```
ssh azureuser@<public-ip-address>
```

2. Deploy a Windows Virtual Machine

Steps:

```
1. Go to 'Create a resource' > 'Virtual Machine'

2. Configure:

    - Name: windows-vm

    - Image: Windows Server or Windows 11

    - Authentication: Username & Password

    - Allow inbound port: RDP (3389)

3. Click 'Review + create' then 'Create'

4. Once deployed, get the public IP address
```

RDP into the Windows VM

Using Remote Desktop Connection (Windows/macOS):

1. Open RDP client

2. Enter the public IP address

3. Login using the VM's username and password

Summary Checklist

- [x] Linux VM deployed

- [x] SSH access verified

- [x] Windows VM deployed

- [x] RDP access verified