1. Write a script to create a storage account and a container in azure blob storage and upload 2 files containing simple text

Text, letter

Description automatically generated

Install all the packages using pip and now we are trying to provision resource group with appropriate resource group names and create a storage account with nithin-storage-acc to manage the objects.

Graphical user interface, text, application, email

Description automatically generated

Now we are configuring with a particular location and create a container to store blob file

Graphical user interface, text, application, email

Description automatically generated

This is used to upload files inside container name hu-nithin19 accepts 2 parameters like which container and which file name based on that it uploads files.

Graphical user interface, text, application, email

Description automatically generated

Inside resource named AZRG-USE2\_CON..002 and storage account name

Graphical user interface, text, application, email

Description automatically generated

I have a container named nithin-blob-container-01

Graphical user interface, text, application, email

Description automatically generated

Inside that container I have uploaded file.txt

2.)Write a script to list-down all the files in the container

Text

Description automatically generated

This is used to list blobs of files accordiningly

3.) Write a script to delete all the files and the container and the storage account that you have created

Text

Description automatically generated

To delete a file we ashould remove uploaded file and rmdir also

4.) Write a script to provision virtual network, subnet, Network Interface client (NIC), Virtual machine in the given location, and resource group.

Text

Description automatically generated

Text, letter

Description automatically generated

Step1 used to provision resource group

Graphical user interface, text, application, email

Description automatically generated

Step 2 provision virtual network with name nithin-hu19-vnet and subnet name as nithin-hu19-subnet etc…

Text, email

Description automatically generated

Step3 is used to provision subnet and wait for completion of establishing inside vNet with appropriate subnet

Text, letter

Description automatically generated

This step is used to create a new Vm which says wheather it is apublic or private according to rerquirement

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Inside vnet we have network interface

Graphical user interface, text, application, email

Description automatically generated

Which shows that ipconfig by configuring their private and public IP

Graphical user interface, text, application, email

Description automatically generated

Inside vNet we have subnet which is IPv4

Graphical user interface, text, application, email

Description automatically generated

This Vm used to show it is under vnet nithin-hu19-vnet and subnet nithin-hu19-subnet

5.) Write a script to list all the Virtual Machines in a resource group

Text, letter

Description automatically generated