<https://learn.microsoft.com/en-us/azure/storage/blobs/storage-quickstart-blobs-dotnet?tabs=visual-studio%2Cmanaged-identity%2Croles-azure-portal%2Csign-in-azure-cli%2Cidentity-visual-studio&pivots=blob-storage-quickstart-scratch>

* Install dotnet 8 on the system
* Install vscode
* Install c# dev kit extension
* Create a folder on desktop named bloboper , open it in visual studio code
* Drop down in visual studio code >>show run commnds >> .net new project >> consoleapp >> blobapp
* Now just to test , on the bottom left of visual studio code , click on solution explorer ; right click onn blobapp >> debug >> start without debugging

Note :

Open the powershell trminal in studio code and run below command :

cd blobapp

PS C:\Users\HP\Desktop\blobOperations\blobapp> dotnet add package Azure.Storage.Blobs

* CREATING A CONTAINER :
* Update program.cs :

using Azure.Storage.Blobs;

string connectionString =

"DefaultEndpointsProtocol=https;AccountName=appstore4434434;AccountKey=PN5HdpUFsovnw3l05S0s4OqnpfFzxYf6Am+eW5bSEIbPrFEqvoBvx7e1alzAorKWXYHMETErE56j+AStAJ/WPA==;EndpointSuffix=core.windows.net";

BlobServiceClient blobServiceClient = new BlobServiceClient(connectionString);

string containerName="scripts";

BlobContainerClient blobContainerClient=await blobServiceClient.CreateBlobContainerAsync(containerName);

Console.WriteLine($"Container [{blobContainerClient.Name}] created");

* Now just to test , on the bottom left of visual studio code , click on solution explorer ; right click onn blobapp >> debug >> start without debugging
* NOTE : make sure to update connection string
* UPLOADING BLOB TO CONTAINER :

using Azure.Storage.Blobs;

string connectionString =

"DefaultEndpointsProtocol=https;AccountName=ramansaa;AccountKey=GvPhqBCEOiaNN8ESLmhhyA3gom8Qt63BA+YQe9f8IAGEBaCj/TU2ttlHK02jzmva3X1PxxKnD+ai+AStzNkT6A==;EndpointSuffix=core.windows.net";

BlobServiceClient blobServiceClient = new BlobServiceClient(connectionString);

string containerName="scripts";

string fileName="image1";

string path=@"C:\Users\HP\Documents\image1.jpg";

// Getting a handle to the container

BlobContainerClient blobContainerClient=blobServiceClient.GetBlobContainerClient(containerName);

BlobClient blobClient=blobContainerClient.GetBlobClient(fileName);

await blobClient.UploadAsync(path);

Console.WriteLine("Uploaded Blob to container");

* LISTING BLOBS :

using Azure.Storage.Blobs;

using Azure.Storage.Blobs.Models;

string connectionString =

"DefaultEndpointsProtocol=https;AccountName=ramansaa;AccountKey=GvPhqBCEOiaNN8ESLmhhyA3gom8Qt63BA+YQe9f8IAGEBaCj/TU2ttlHK02jzmva3X1PxxKnD+ai+AStzNkT6A==;EndpointSuffix=core.windows.net";

BlobServiceClient blobServiceClient=new BlobServiceClient(connectionString);

string containerName="scripts";

BlobContainerClient blobContainerClient=blobServiceClient.GetBlobContainerClient(containerName);

await foreach(BlobItem blobItem in blobContainerClient.GetBlobsAsync())

{

    Console.WriteLine($"Blob name {blobItem.Name}");

    Console.WriteLine($"Blob size {blobItem.Properties.ContentLength}");

}