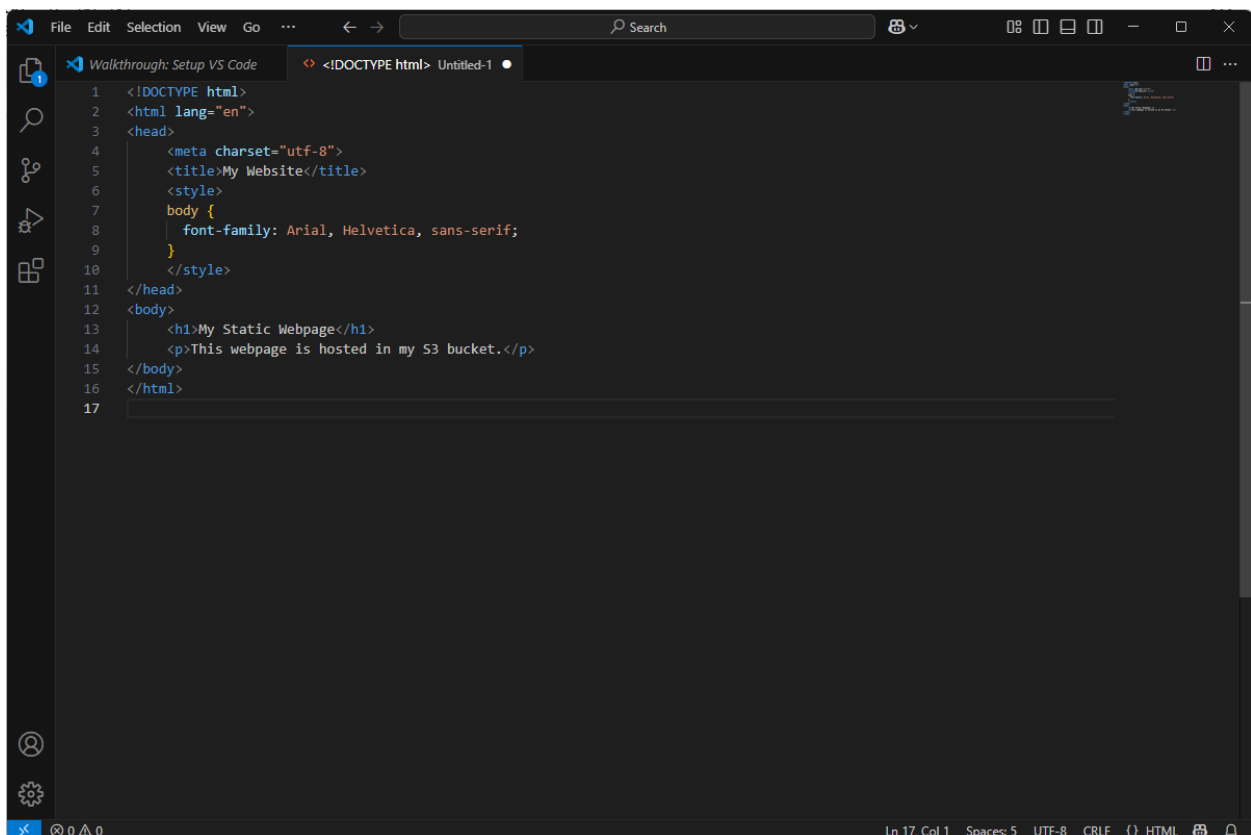Branden Solomon
5/7/25
Professor Francis
CTEC 475

<div align="center">Capstone Module 8</div>

1. Create an index.html file to serve as the initial home page for your website. To do this, create a text document in Notepad or a similar simple text editor. Include the following text, and do not use any text formatting in your file; replace the bold, italicized text with your own text that is personalized and will identify you as the author:

2. Do some research for your public cloud platform to find instructions for hosting a static website in that cloud. Some platforms require special settings for hosting a static website. For example, you might need to use a particular name for your bucket or container, or you might need to eliminate pieces of the HTML code (such as the header). As you do your research, keep in mind that for this project, you do not need to set up resources required to support a custom domain. For example, GCP requires a load

balancer to use a custom domain, and this configuration is not required for this project. For this project, you also do not need to create an error file, also called a 404.html file.

Static website hosting functio3#3nality is configured within a storage account and isn't enabled by default. To enable static website hosting, select a storage account. In the left navigation pane, select Static website from the Data management group, and then select Enabled. Provide a name for your Index document. You can optionally provide a path to a custom 404 page. Finally, select Save to save your configuration changes.

3. In your selected public cloud platform, create a storage bucket or container and enable public access to this bucket or container. What is the name of your storage bucket or container?

Home > Storage accounts >

Create a storage account

Basics | Advanced | Networking | Data protection | Encryption | Tags | **Review + create**

⚙ View automation template

Basics

Subscription	Azure for Students
Resource group	storage
Location	East US
Storage account name	containerization
Primary service	
Performance	Standard
Replication	Read-access geo-redundant storage (RA-GRS)

Advanced

Enable hierarchical namespace	Disabled
Enable SFTP	Disabled
Enable network file system v3	Disabled
Allow cross-tenant replication	Disabled
Access tier	Hot
Enable large file shares	Enabled

Security

Secure transfer	Enabled
Blob anonymous access	Disabled
Allow storage account key access	Enabled
Default to Microsoft Entra authorization in the Azure portal	Disabled

Previous | Next | **Create**

⚑ Give feedback

Home >

static-website
Container

🔍 Search

⬆ Upload | 🔒 Change access level | 🔄 Refresh | | 🗑 Delete | Change tier | Acquire lease | Break lease | View snapshots | Create snapshot | ⚑ Give feedback

Authentication method: Access key (Switch to Microsoft Entra user account)
Location: static-website

Search blobs by prefix (case-sensitive)   ◯ Show deleted blobs
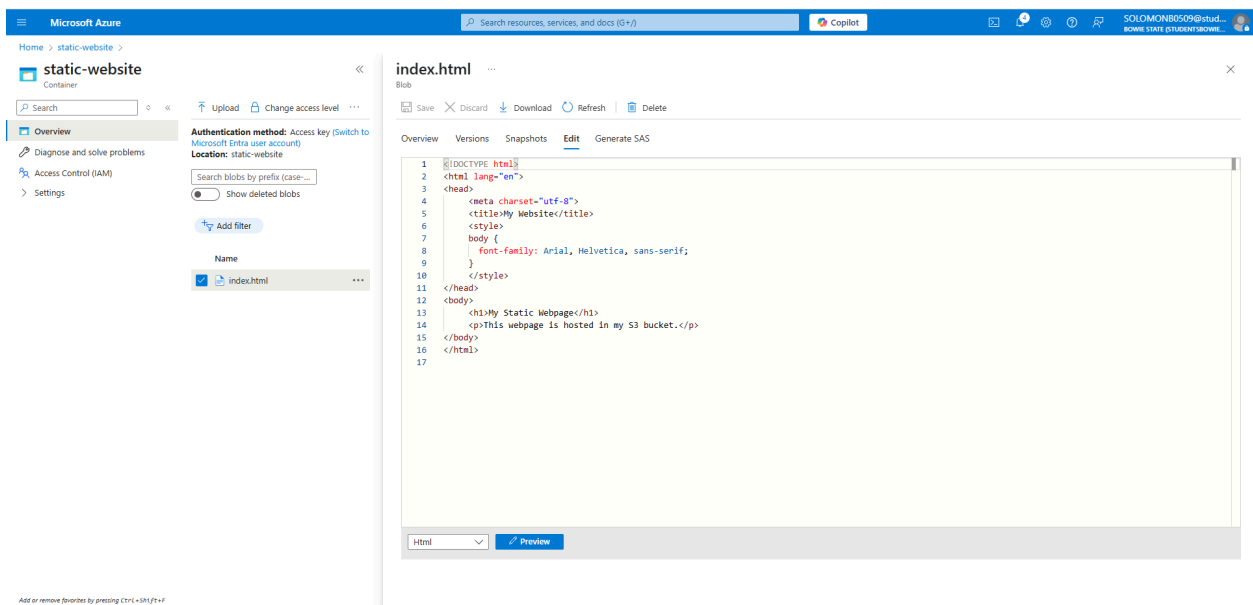
+ Add filter

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
No results						

4. Upload your index.html file to your bucket or container. If needed, enable public access to this object or blob. What steps did you need to take to enable.
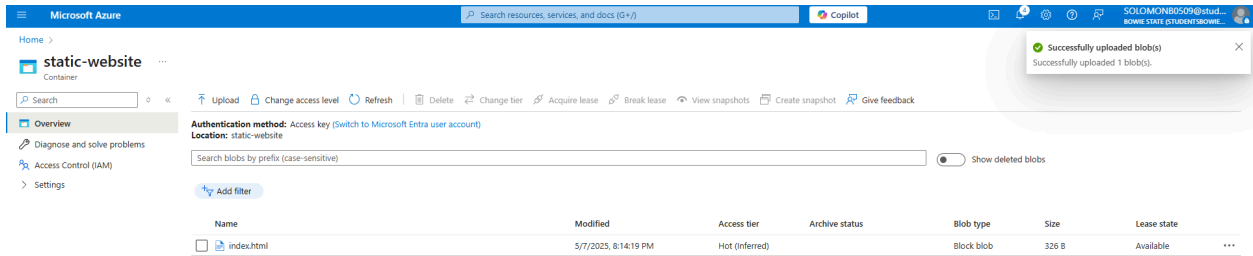
5. Visit the website's public URL in an incognito window to ensure anyone can access your website. If you receive any error messages here, troubleshoot and fix the problem. Take a screenshot of your website showing the public URL in the browser's address bar and the personalized text on the webpage; submit this visual with your answers to this project's questions.

6. Delete all resources you created for this project, including any resource groups, storage accounts, buckets, containers, objects, or blobs. Check through your account to ensure you permanently deleted or terminated any resources created in this project.