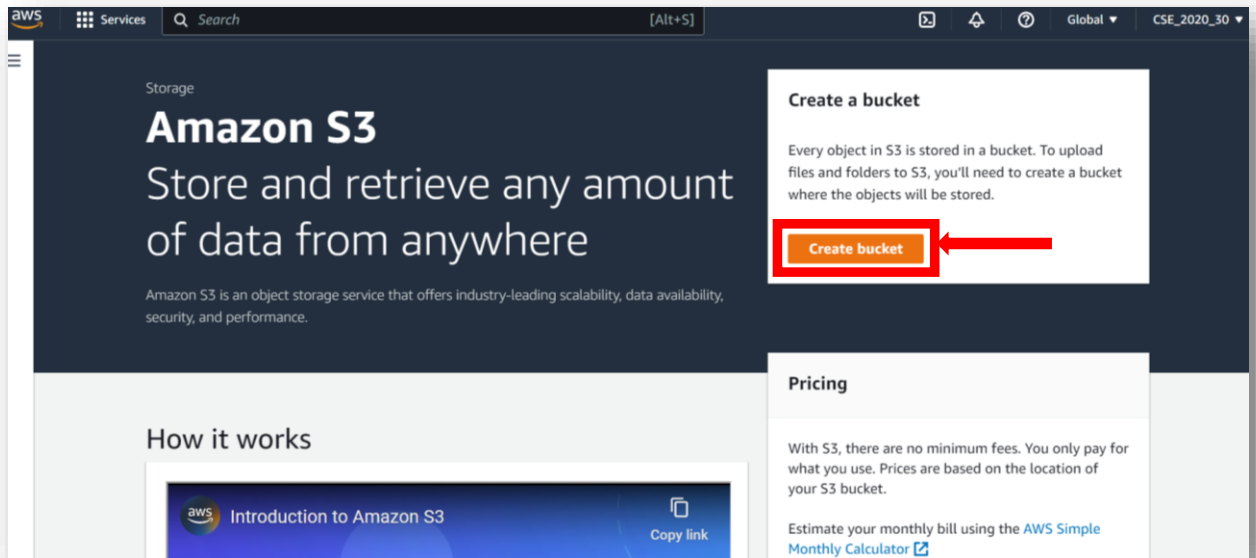


ASSIGNMENT 6

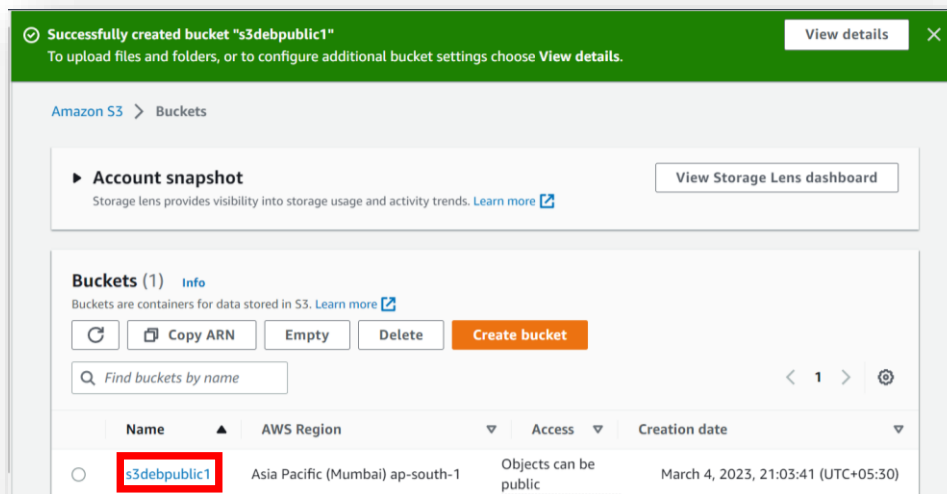
Problem Statement: Upload a static website on S3.

Procedure:

1. Sign in to your **AWS account** as a **root user**.



2. Then **create a public S3 bucket**. (Refer to Assignment 5 for full procedure)



3. Now create **three html** files **anywhere in your computer** (preferably in a folder in the Desktop).
 - a. The **first one** is named **Home.html**
 - b. The **second one** is named **About.html**
 - c. The **third one** is named **next.html**

Remember, you can give any name to the files but you have to modify the steps shown further accordingly. We are going to use the given file names to proceed.

The **contents of the files** are shown in the given snapshots.....

```
Home.html
File Edit View
<html>
<body bgcolor="yellow">
<h1>Welcome to my page</h1>
<a href="next.html"><h2>Go to Next</h2></a>
<a href="About.html"><h2>Go to About</h2></a>
</body>
</html>
```

← [Home.html](#)

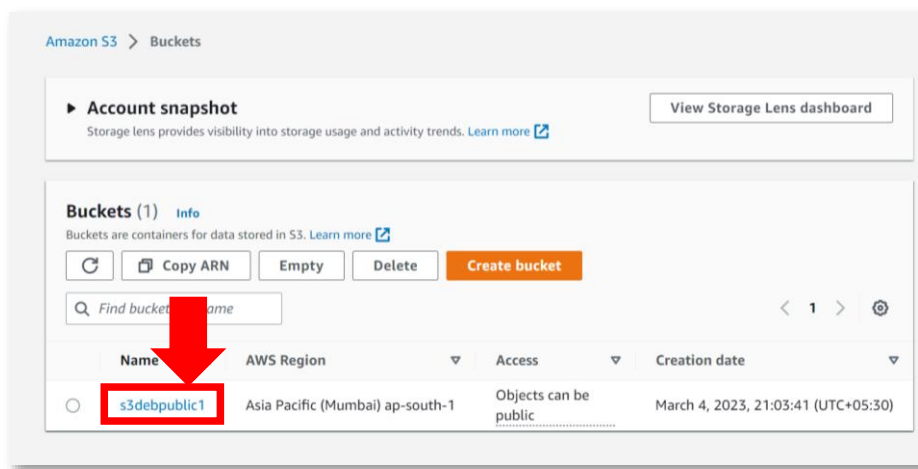
```
About.html
File Edit View
<html>
<body bgcolor="pink">
<h1>Hello World</h1>
<a href="Home.html"><h2>Go to Home</h2></a>
<a href="next.html"><h2>Go to Next</h2></a>
</body>
</html>
```

← [About.html](#)

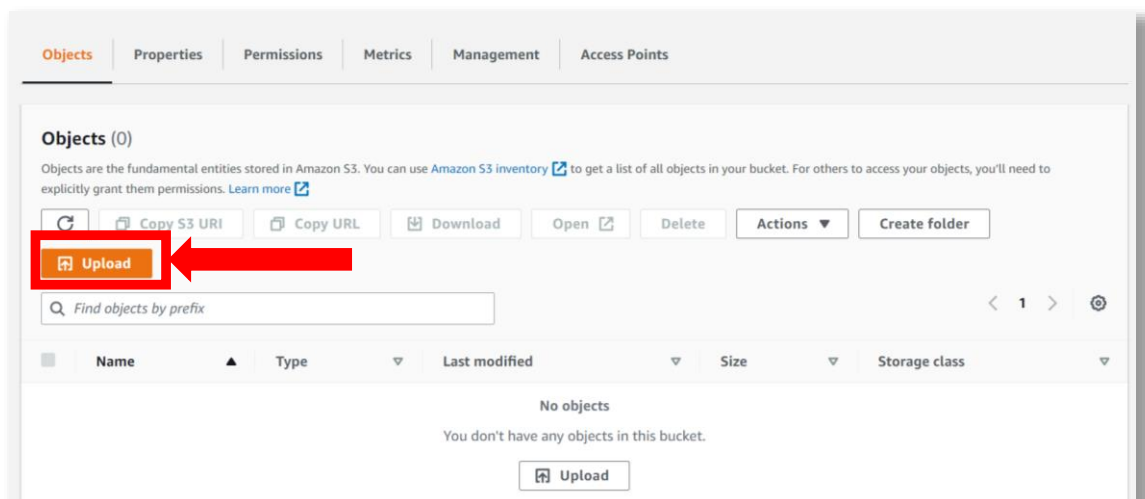
```
next.html
File Edit View
<html>
<body bgcolor="aqua">
<h1>Welcome to my page</h2>
<a href="Home.html"><h2>Go to Home</h2></a>
<a href="About.html"><h2>Go to About</h2></a>
</body>
</html>
```

← [next.html](#)

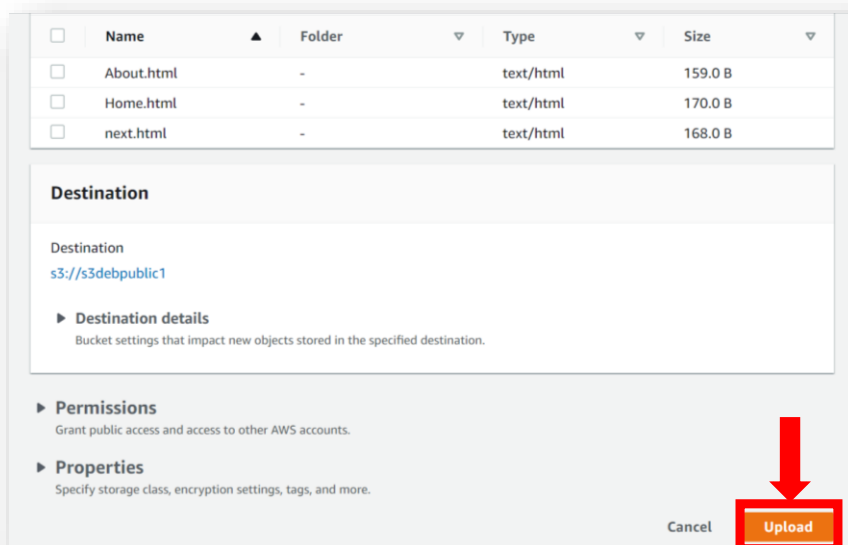
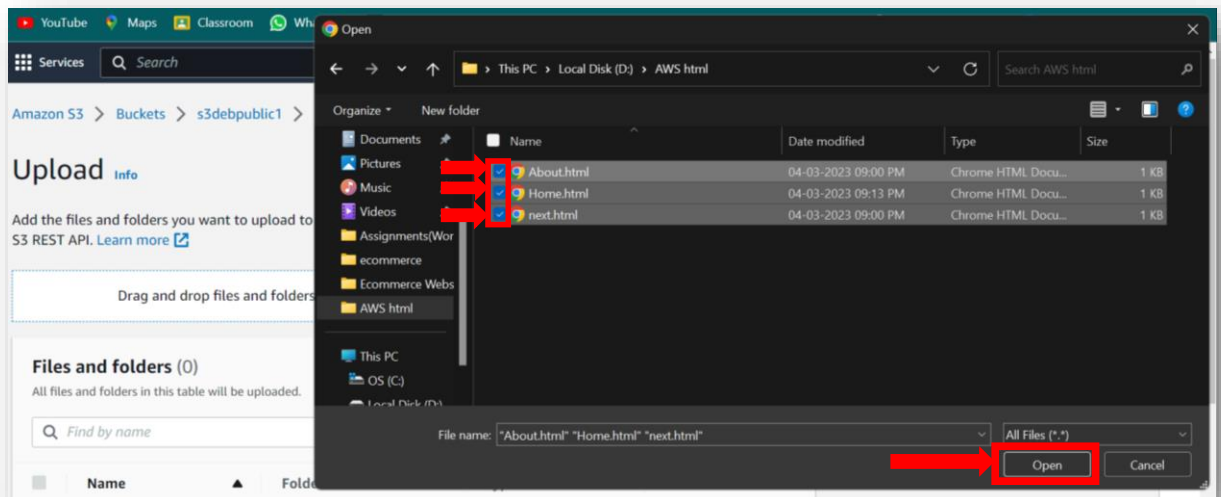
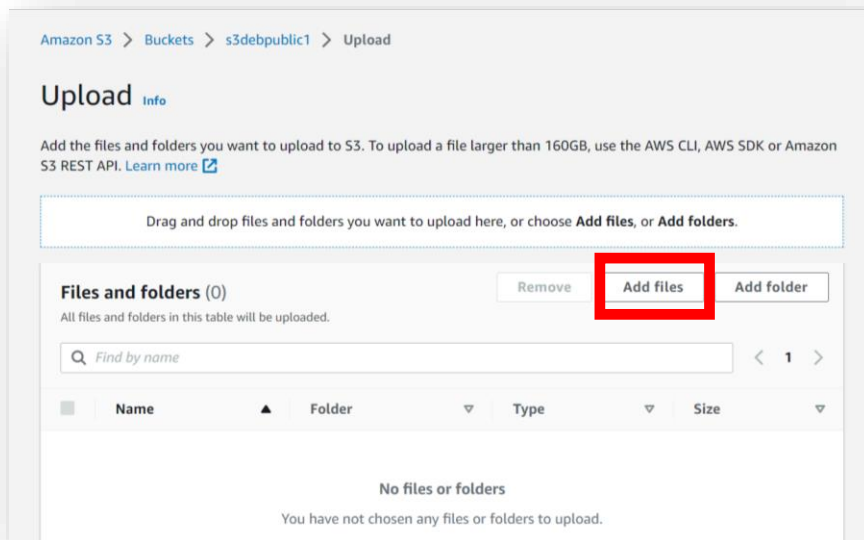
4. Now let us **go back to AWS**. Click the **newly created public bucket**.



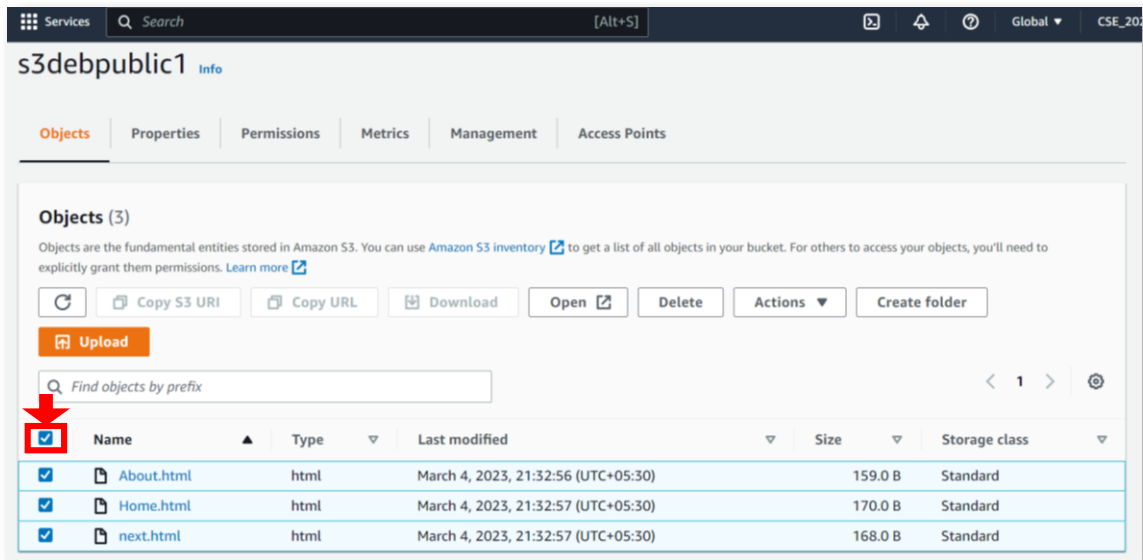
5. Click the upload button.



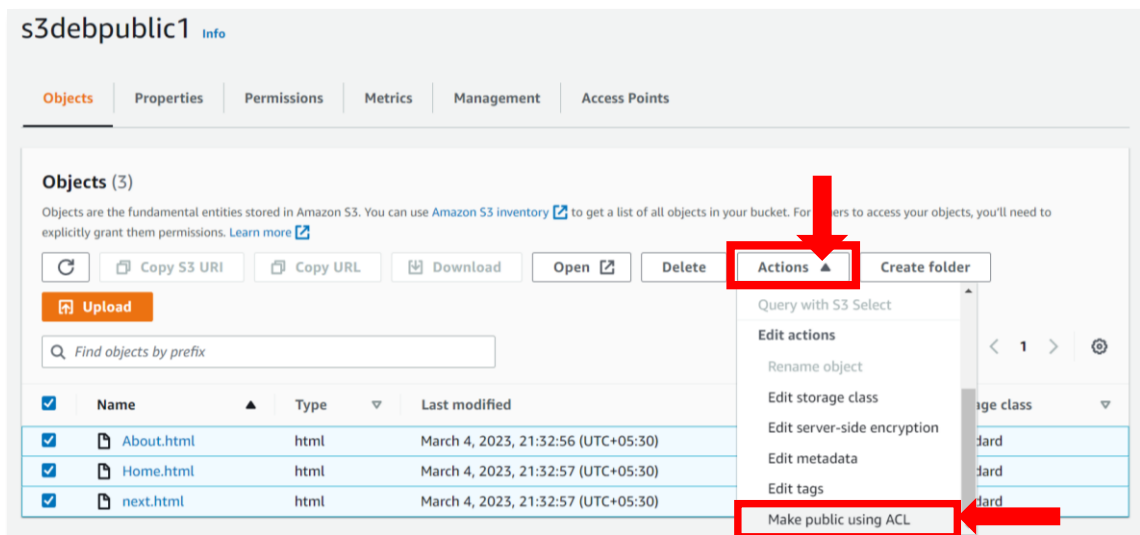
6. Next **click** on the **add files** button. **Select all the three html files** and upload them by **pressing the upload button**.



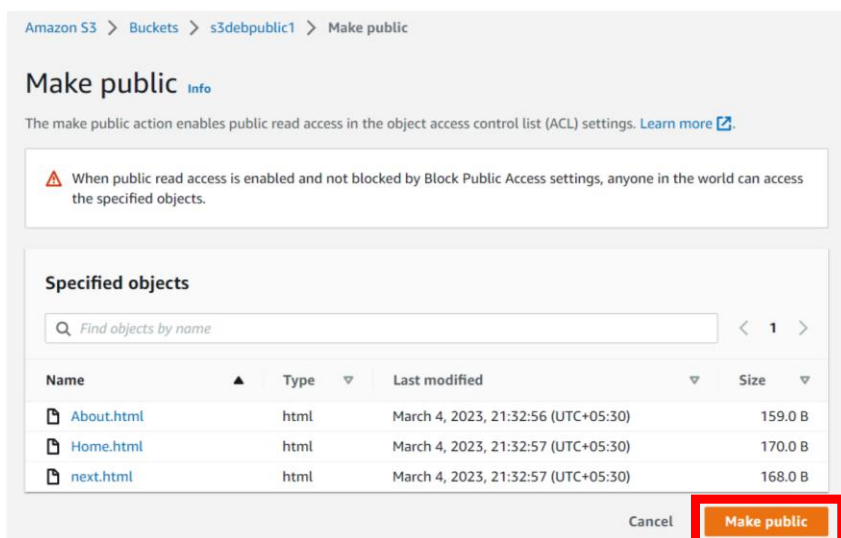
7. Now, after closing the upload status page after all files are uploaded, **Select** all the files shown in the object table in the public bucket.



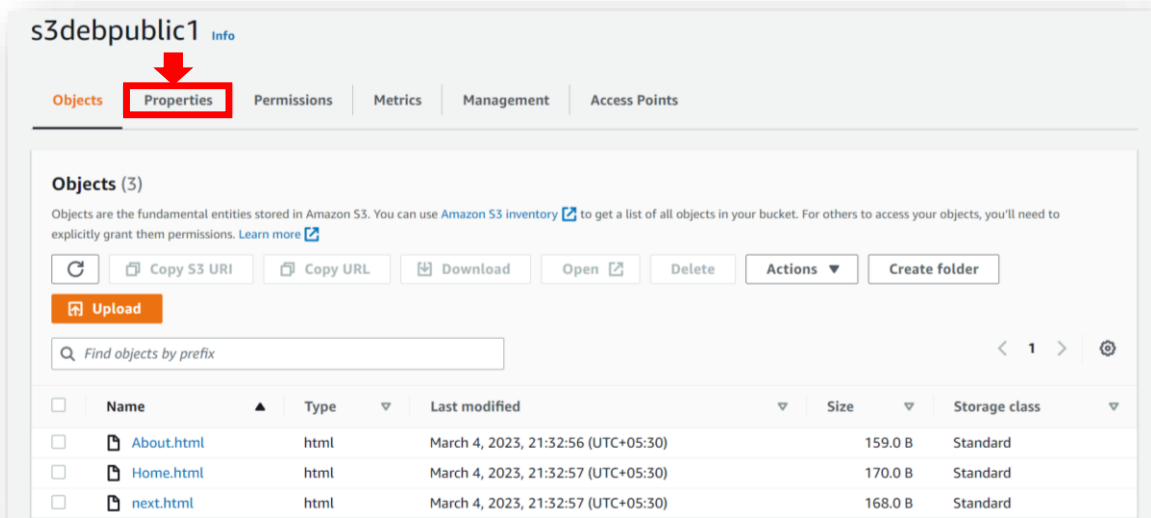
8. Click on the actions button and from the subsequent dropdown menu Click on **Make public using ACL**.



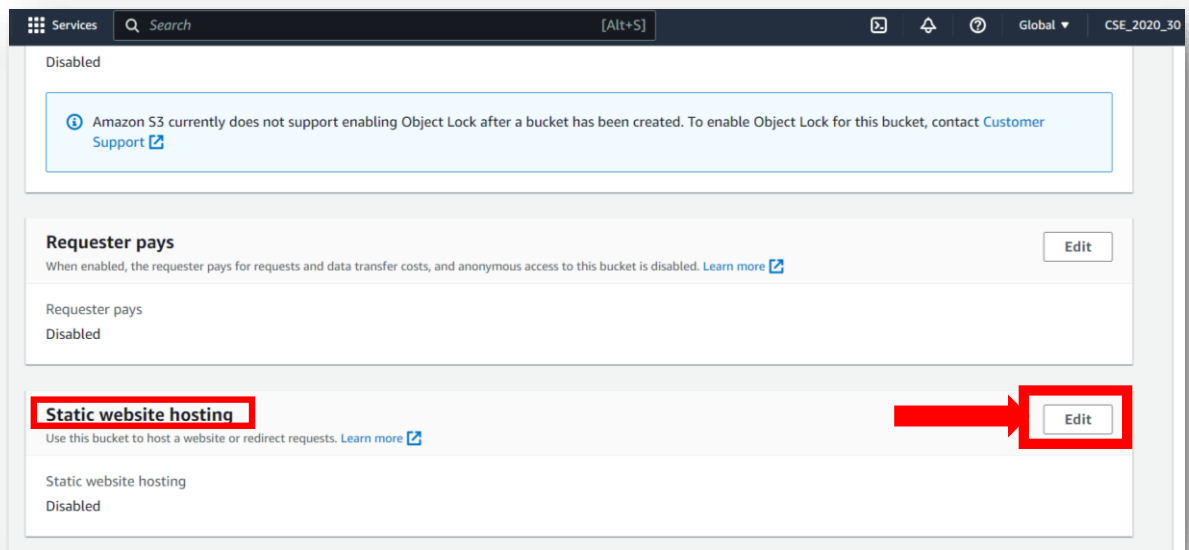
9. Click on **Make public** button to make all the selected files public.



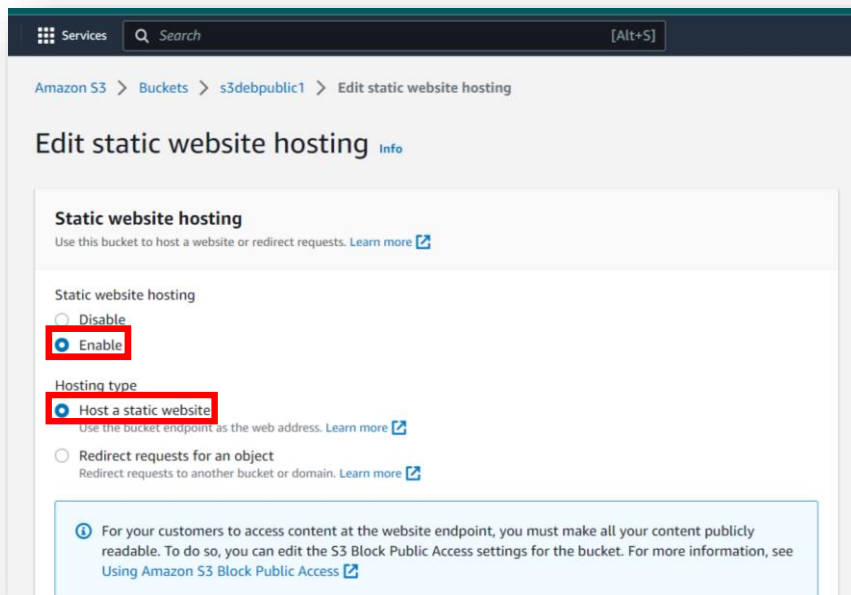
10. Now, after making the files public, we **close the status page** and we are **redirected to our public bucket page**. Now we select the **properties** tab of the bucket which is in the **right side of the objects tab (in orange font)**.



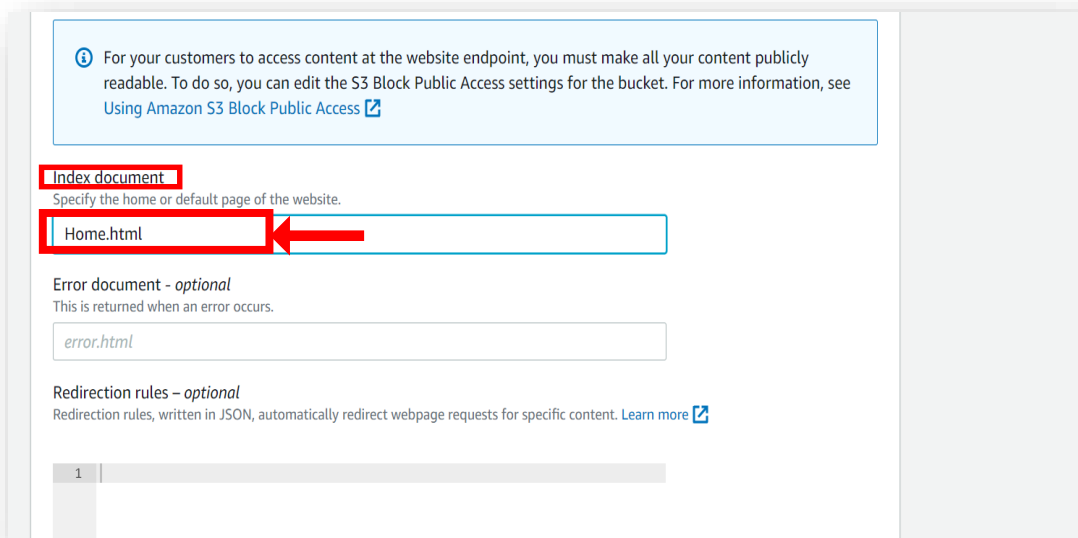
11. After arriving in the properties tab, **Scroll down** all the way **to the bottom**. We will focus only on the **Static website hosting section**. By default, it will show **Disabled**. We must **Enable** it. In order to do so click on the **Edit** button on the **right-hand side of the section**.



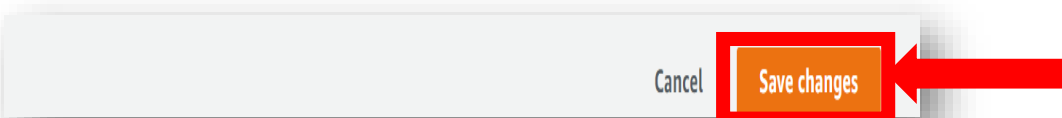
12. Now we will **choose the enable option**. After choosing it **multiple options will appear**. Just **follow the snapshot** provided below and make the same changes.



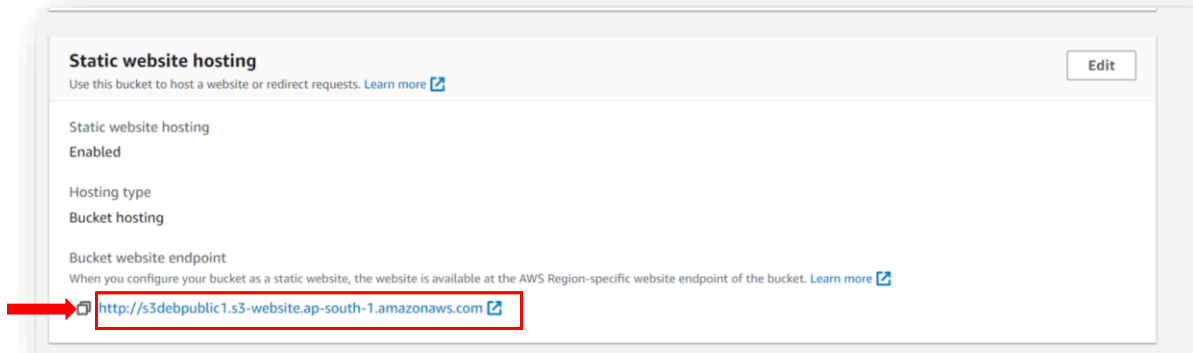
13. Next **scroll down**. Now we must **mention the html document our link will show**. This is the one which **anyone can access using the bucket link**. In our case **we will mention Home.html as our index or main html file**. You can choose according to your wish and design.



14. Next **scroll down** and **click on save changes** button.



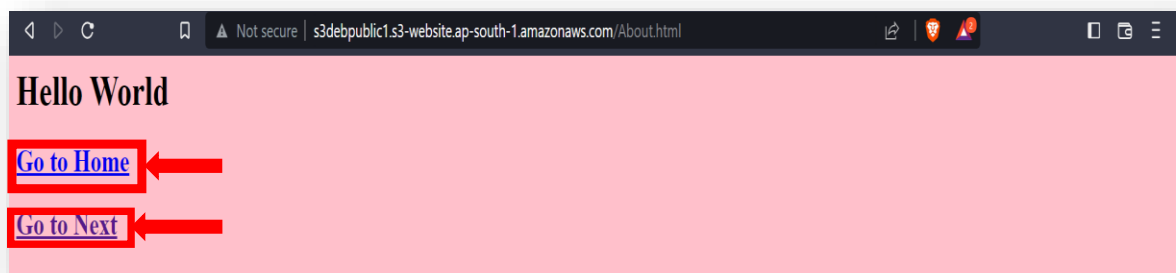
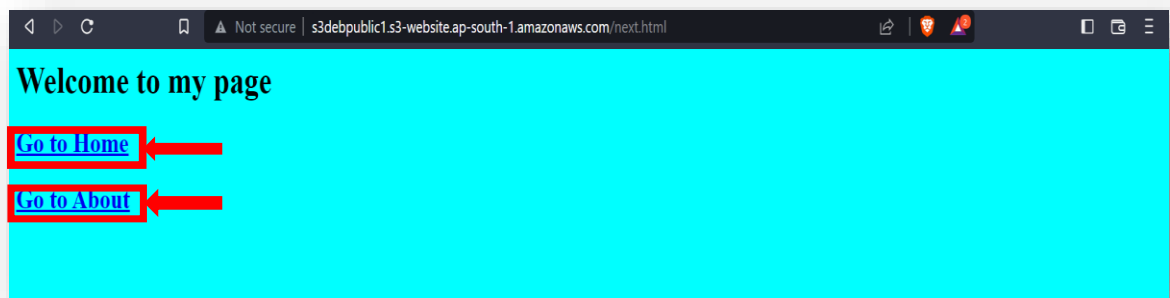
15. Now, you will **again arrive** in the bucket's **properties tab**. **Scroll down** to the **static website hosting area**. Now you can see a link has arrived.



16. **Copy the link and paste it in another browser.**



17. We are now viewing the Home.html page. And as scripted, we can click on the Go to Next to arrive at the next.html page. Similarly, we can click on the Go to About page to go the About.html page.



So, we have successfully hosted a static website in amazon S3.