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EXPERIMENT 01

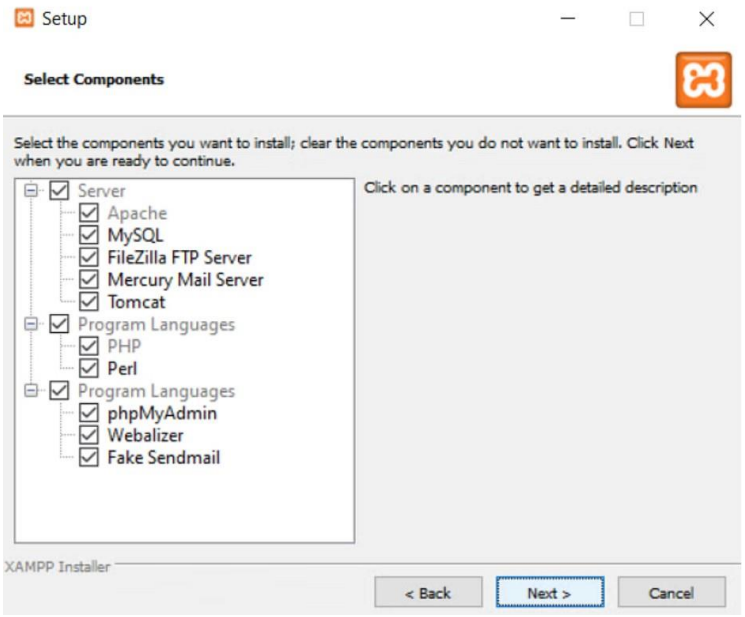
Aim: To develop a website and host it on i) local machine or virtual machine ii) Amazon S3 Bucket

Static Hosting:

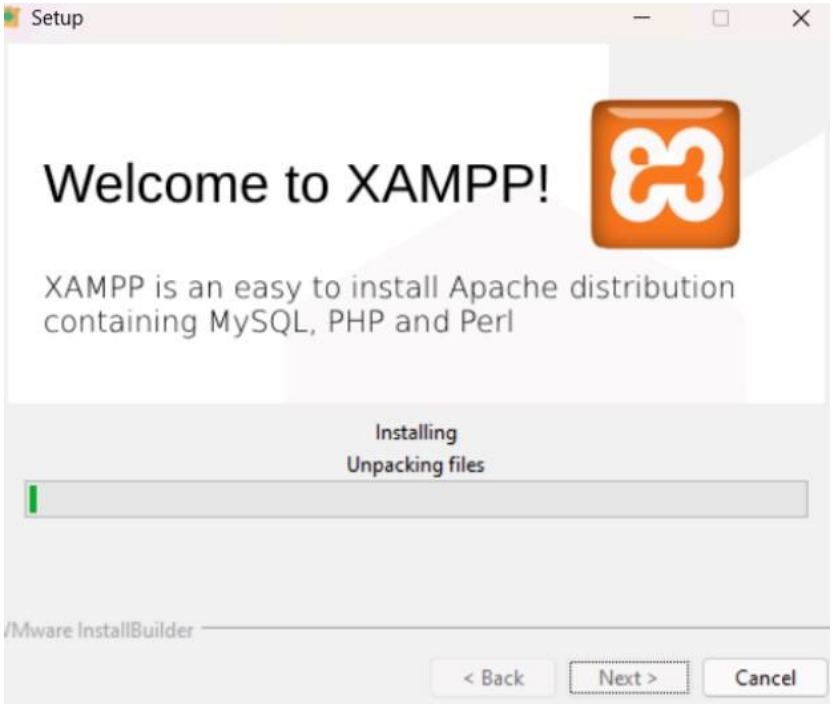
1) On local server (XAMPP)

Step 1: Install XAMPP from https://www.apachefriends.org/ .

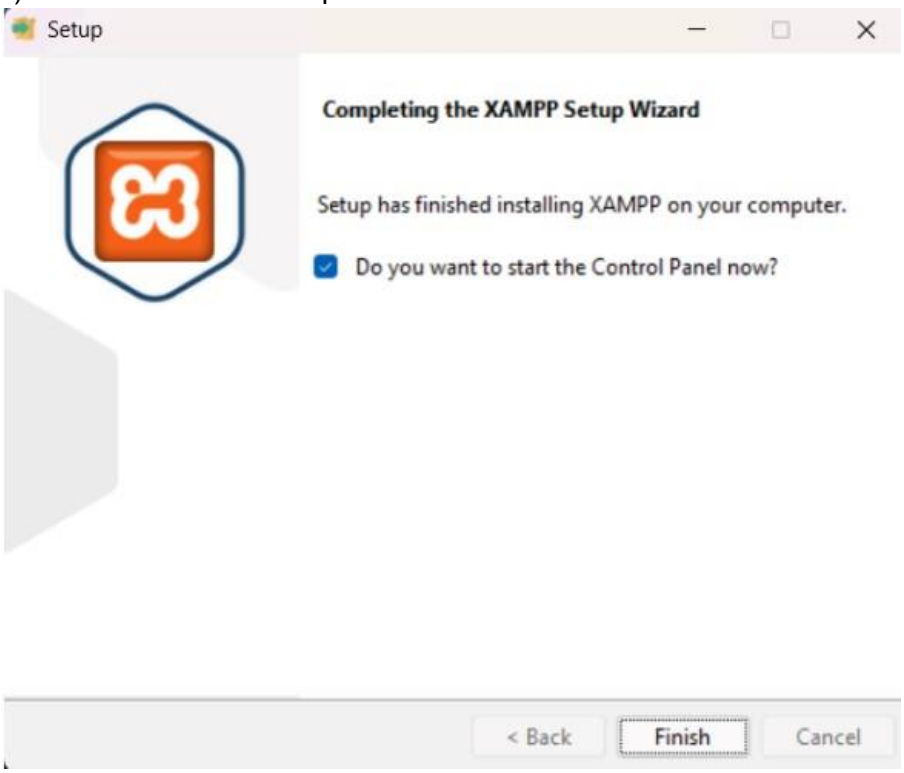
1) Select your OS. It will automatically start downloading.



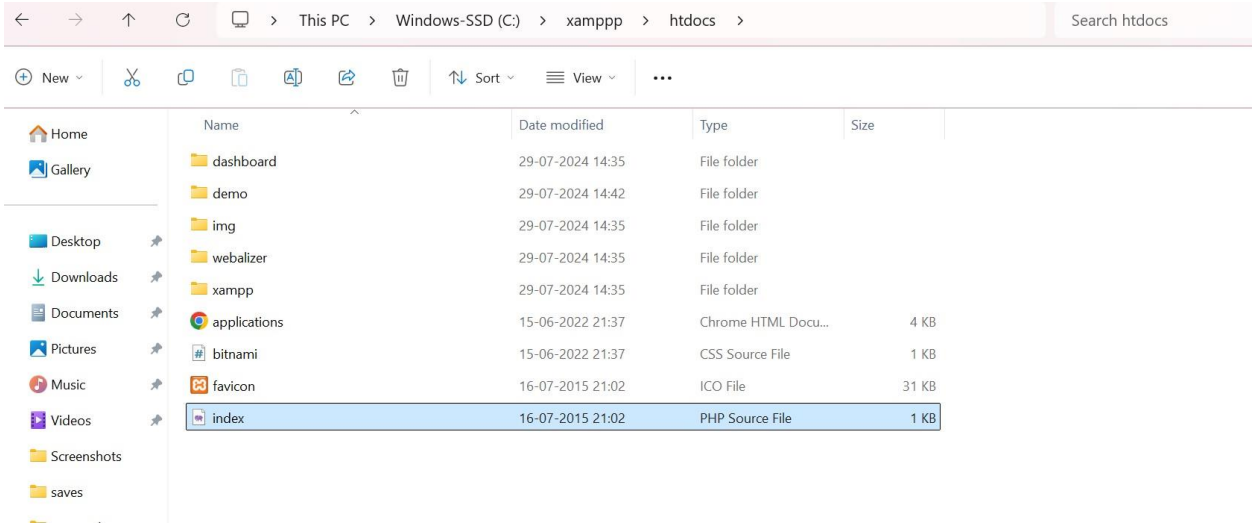
2) Open the setup file. Select all the required components and click next.
3) Select the language, click next. XAMPP starts to install.



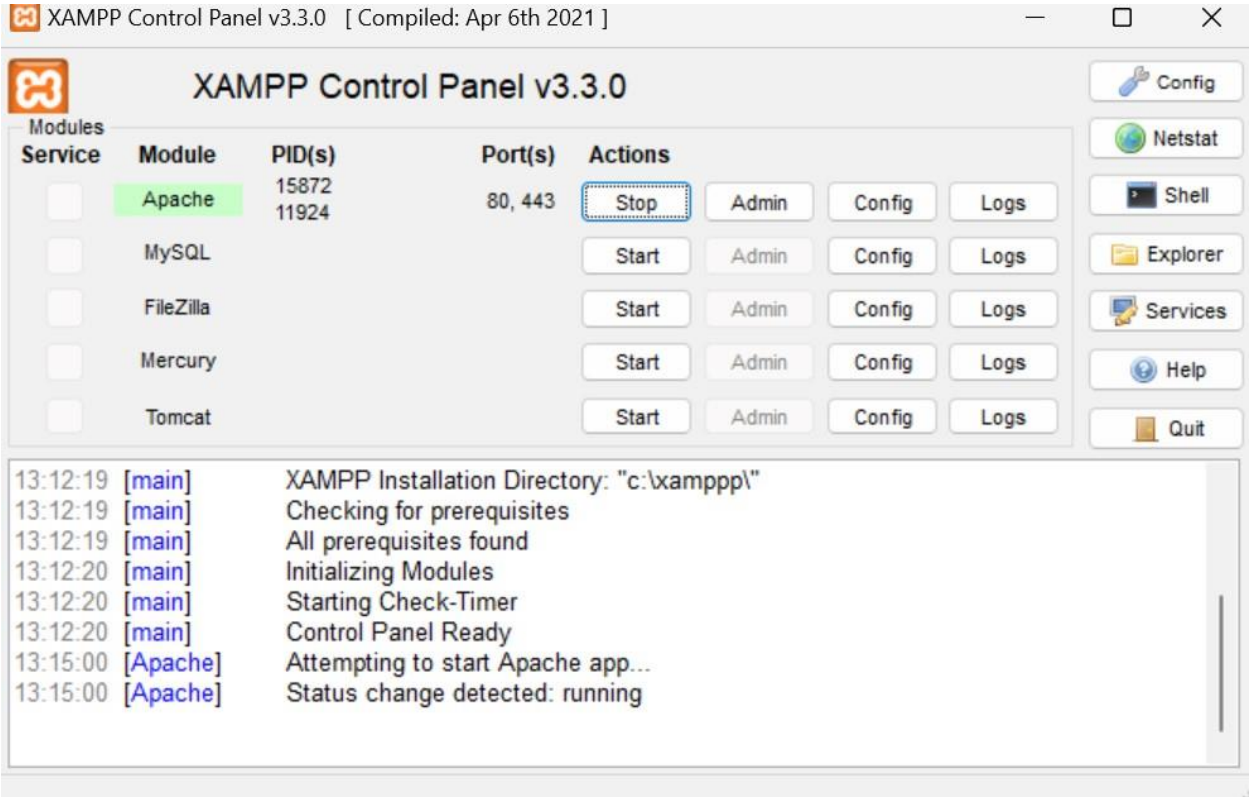
4) The installation is complete. Click Finish.



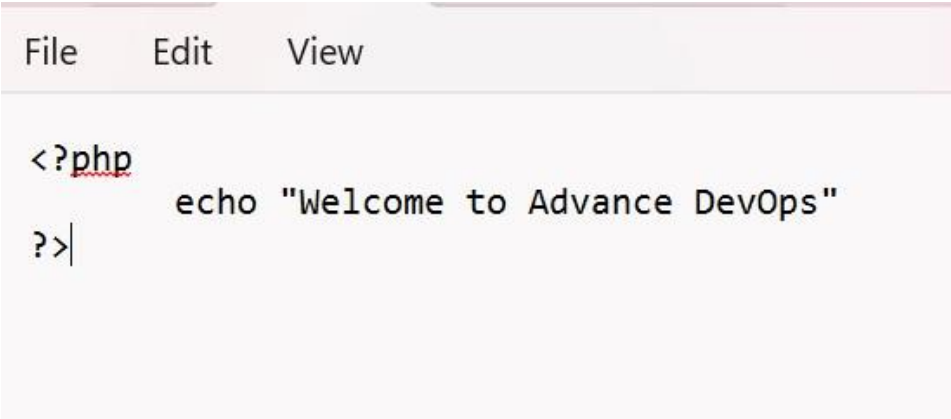
Step 2: Go to the directory where XAMPP was installed. Go to htdocs folder. Place your folder in this directory.



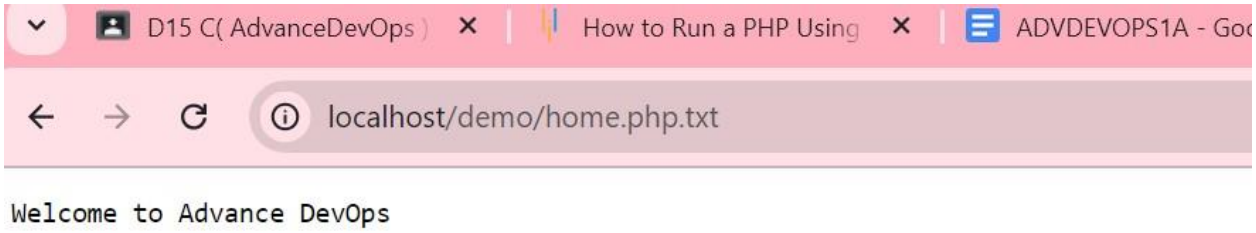
Step 3: Open XAMPP Control Panel, start the Apache service (Required) and mySQL service (if needed)



Step 4: Write a php file for your website.

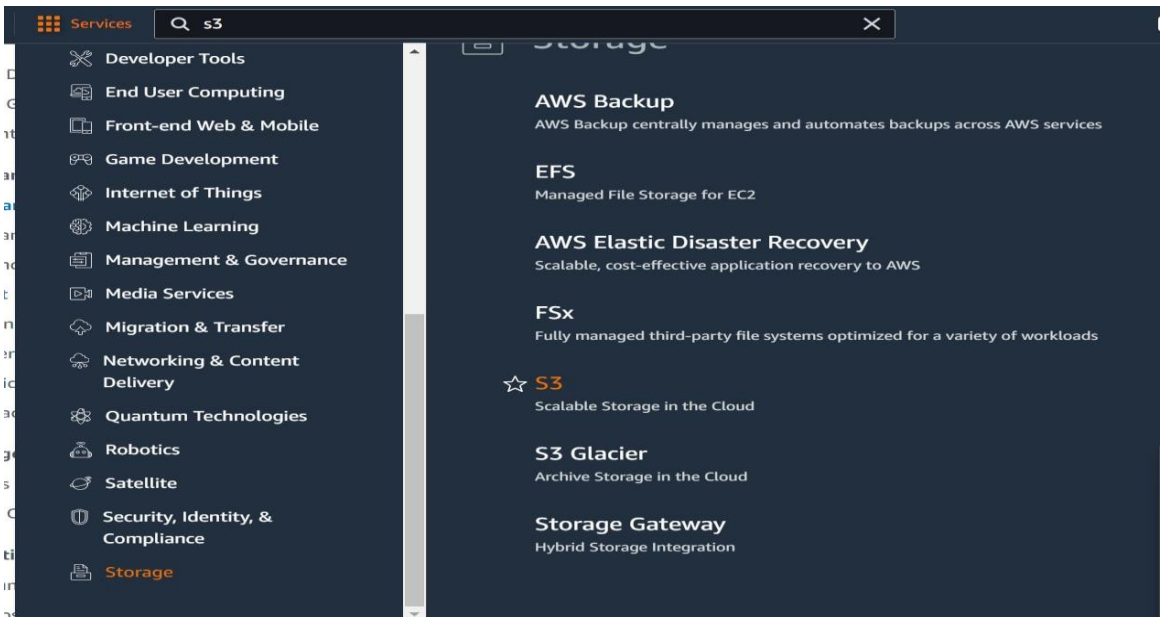


Step 5: Open your web browser. Type localhost/YOUR_FILENAME.php. This will open your website on your browser

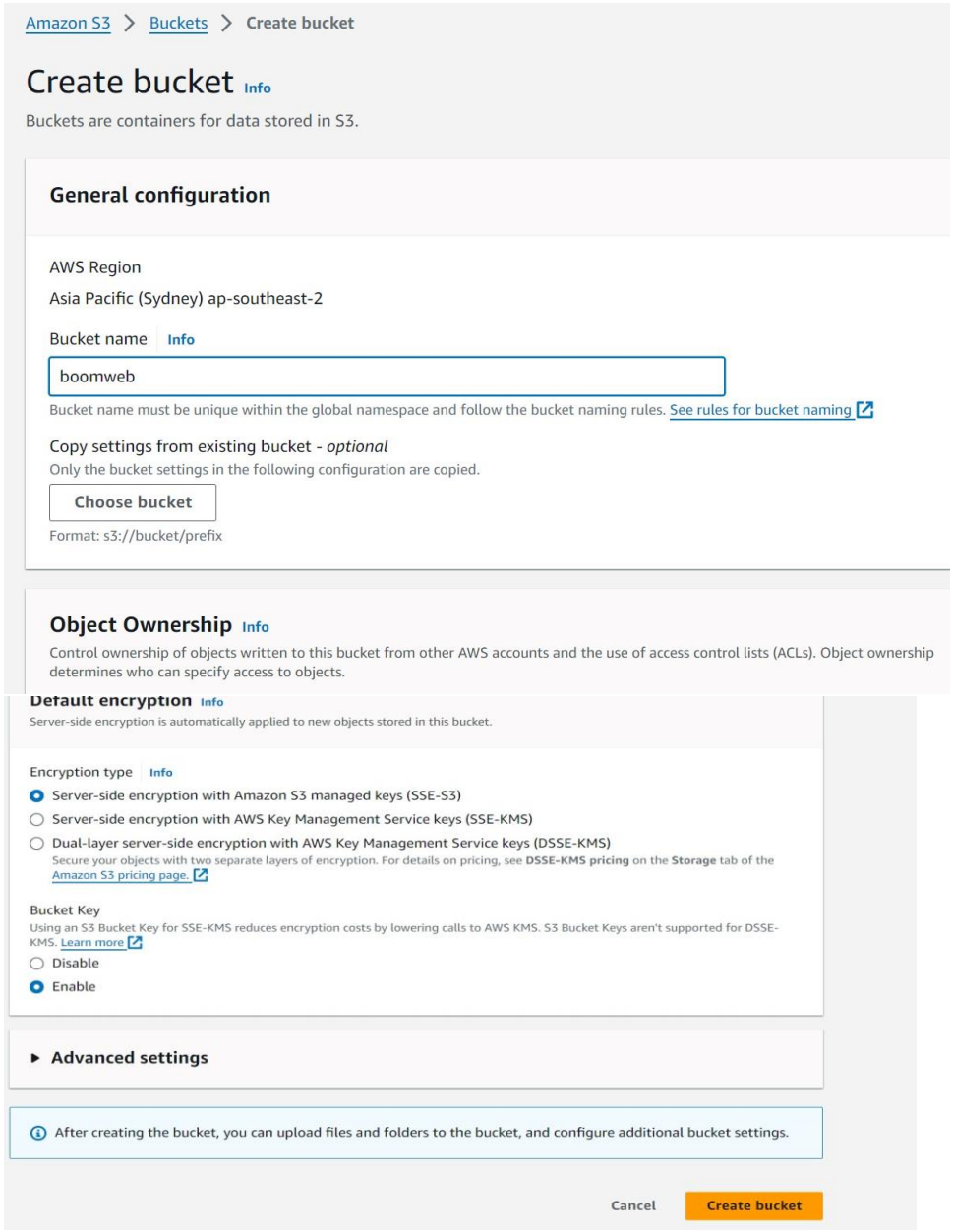


2) AWS S3

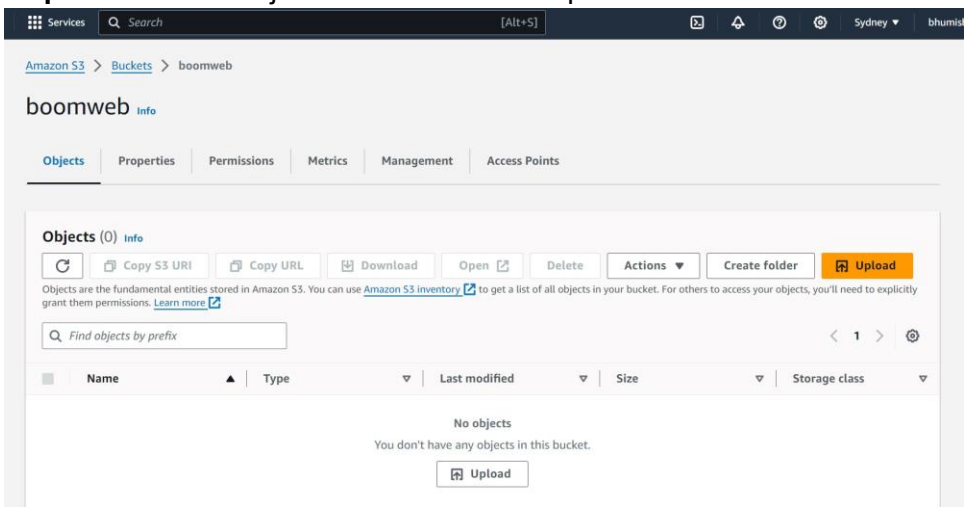
Step 1: Login to your AWS account. Go to services and open S3.

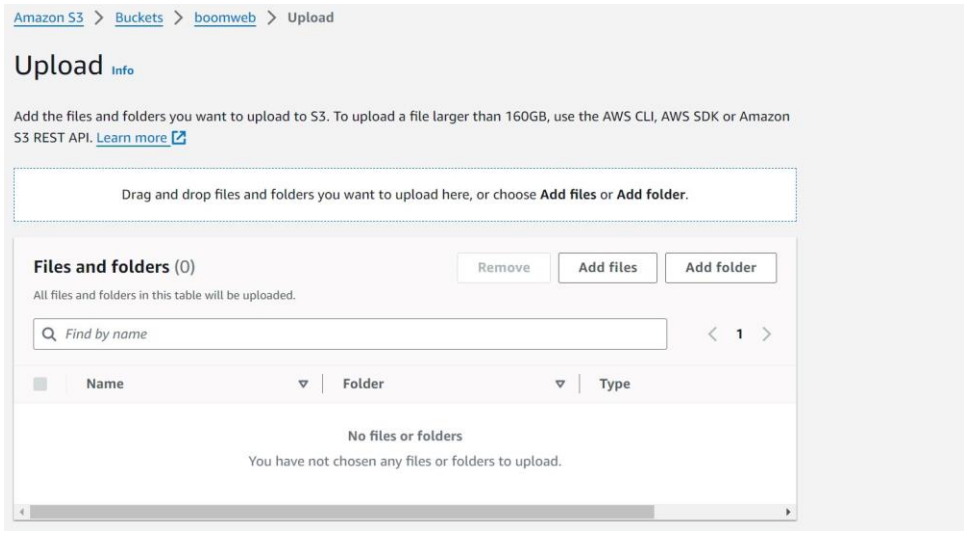


Step 2: Click on Create Bucket. Give a name to your bucket, keeping other options default, scroll down and click on Create Bucket.

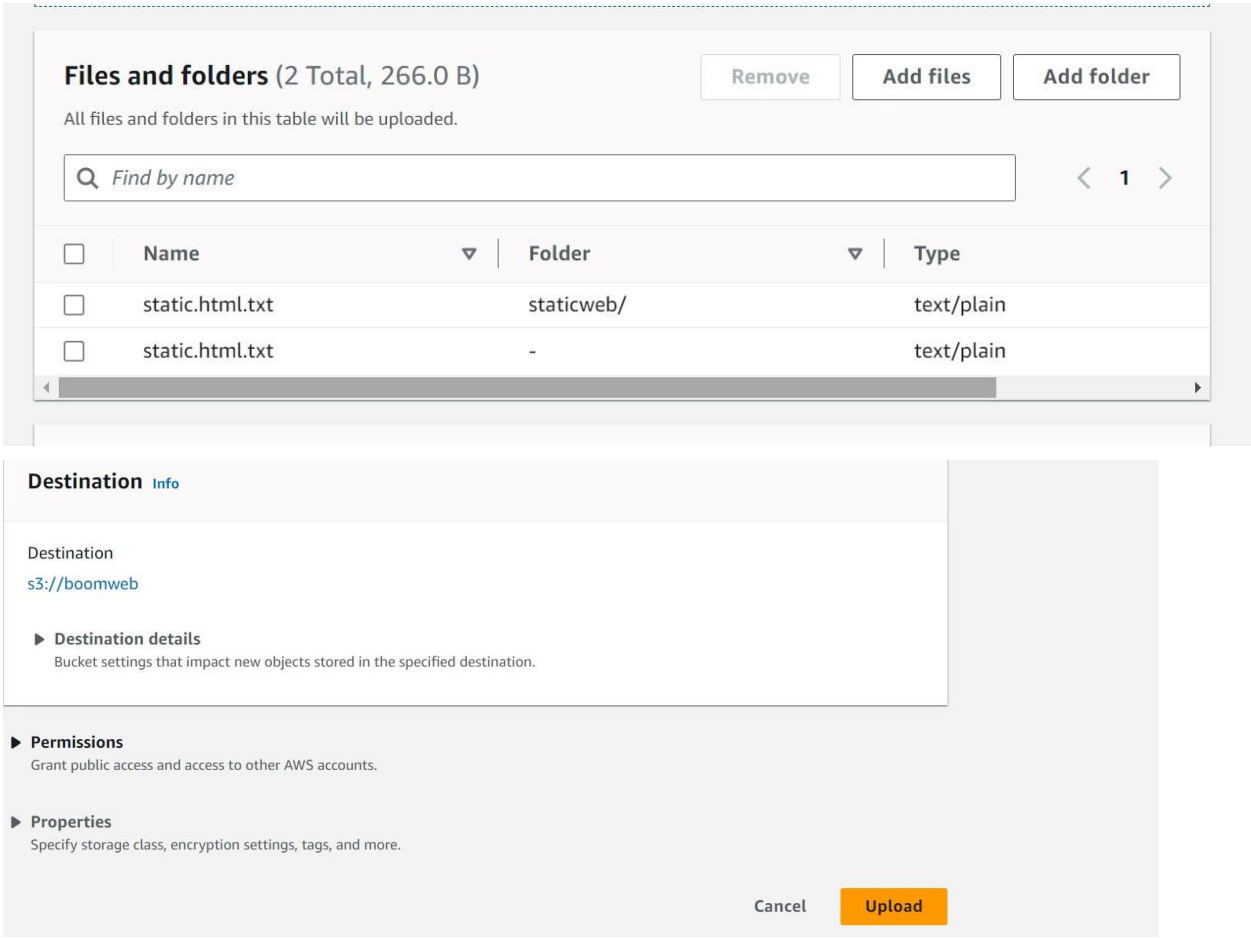


Step 3: Go to the Objects tab and click on upload file.



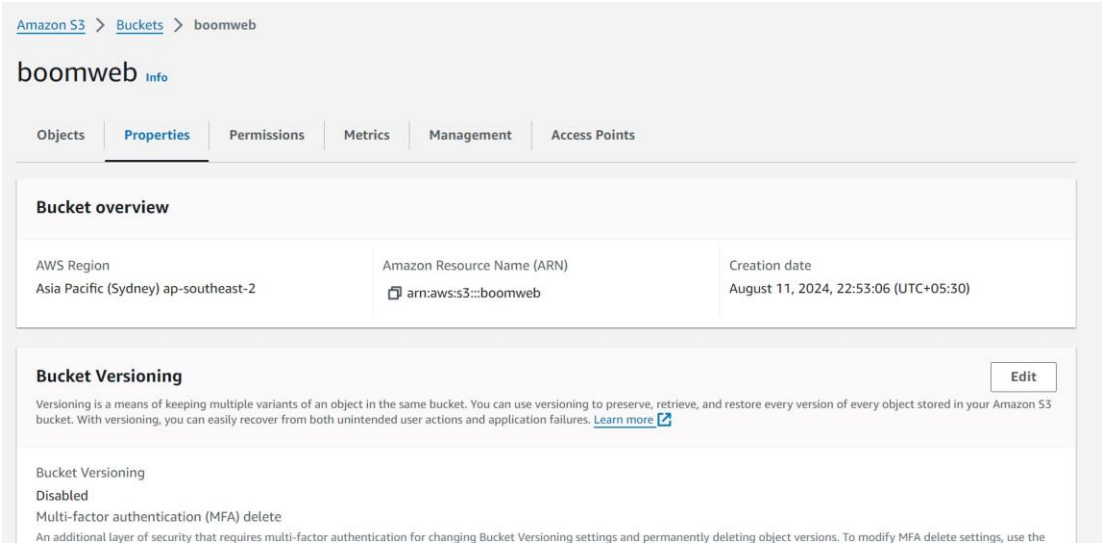


Step 4: Click on Add files. Add all the files you want to upload. Then scroll down and click on Upload.



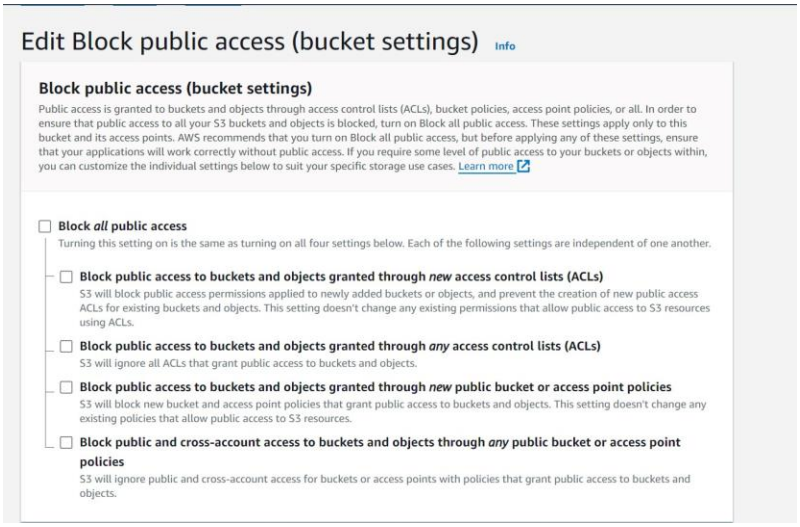
Step 5: This will take you to the Objects screen. Switch to Properties and scroll down to Static Website Hosting. There you would find the link (Bucket website endpoint) to your website.

Step

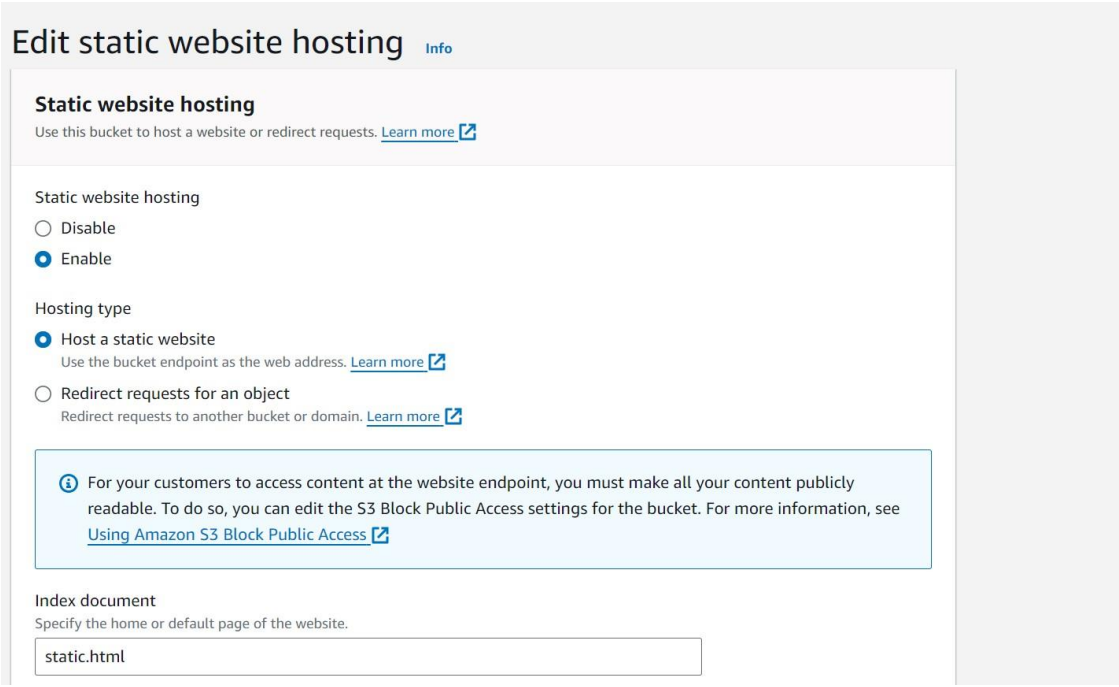


6: Scroll down till you find Static website hosting, click on edit.

Step 7: Enable static website hosting, in Index document, write the name of your document. Save your changes.



Step



Step 8: Uncheck the Block all public access checkbox and click on save changes.

9: Scroll down to bucket policy and click edit.

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