ELEVATE-LABS-TASK-6

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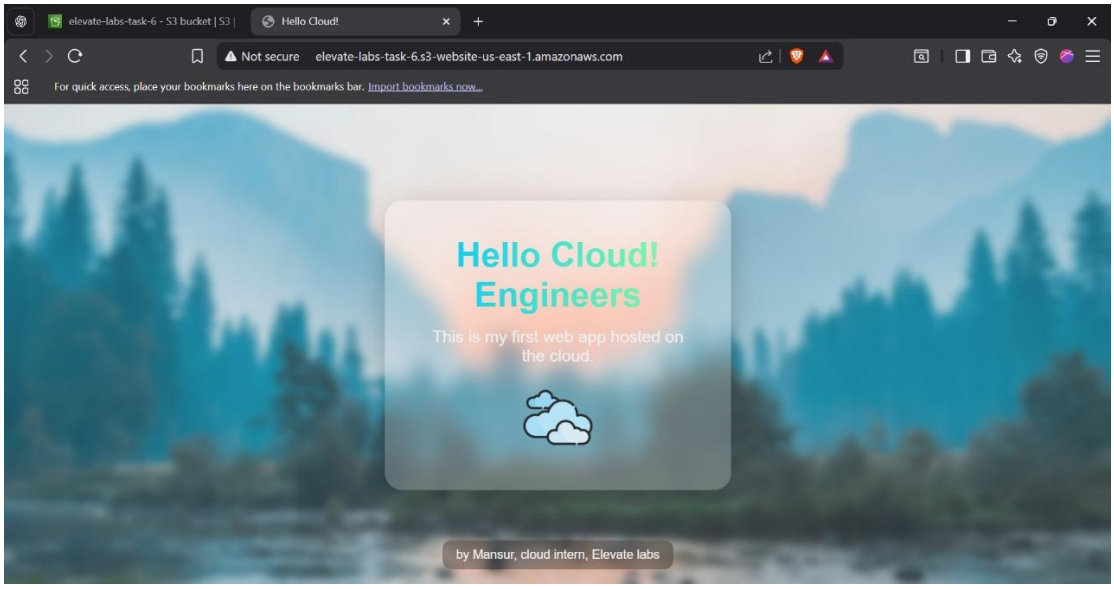
Designation - Cloud Intern
Git-hub: https://github.com/mansur1913/elevate-labs-task-6

Task 6: Host and Deploy a Web Application on the Cloud*

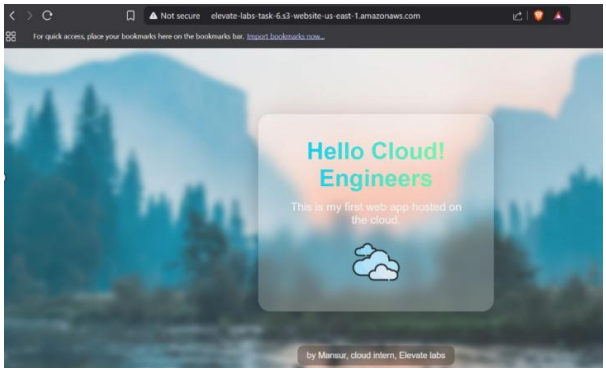
Objective: To deploy a static or dynamic web application (like a simple portfolio or basic HTML app) on a cloud platform using a virtual machine, App Engine, or web hosting service.

Deliverables:

Deployed web app URL (running live):



Cloud Console with your app running:



Source code folder (ZIP or GitHub repo):

https://github.com/mansur1913/elevate-labs-task-6/blob/main/index.html

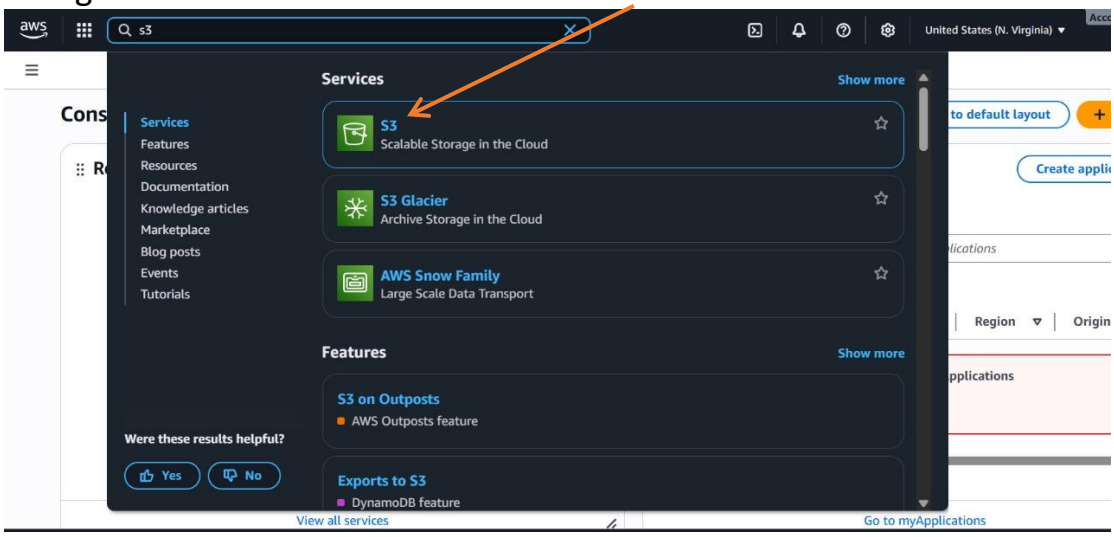
Short note explaining deployment steps:

Develop the web application and test it locally, then choose a cloud platform like AWS or Azure.Upload project files or use Git for deployment.

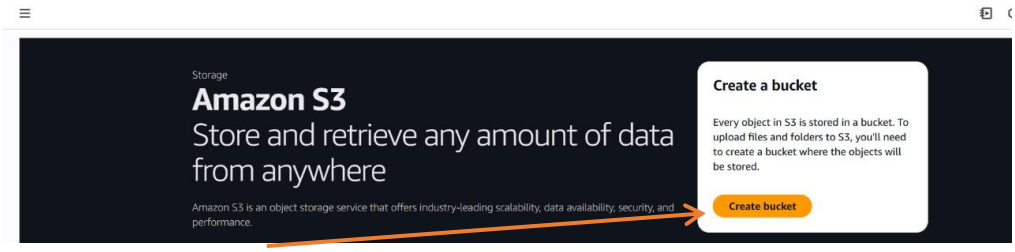
Then I Configure the server, database, and domain settings.
Enable HTTPS for security and test the application online to ensure smooth performance.

Step-by-step Explanation of the(Host and Deploy a Web Application on the Cloud)

1. Login to AWS Accounts and search for S3 in the search bar.

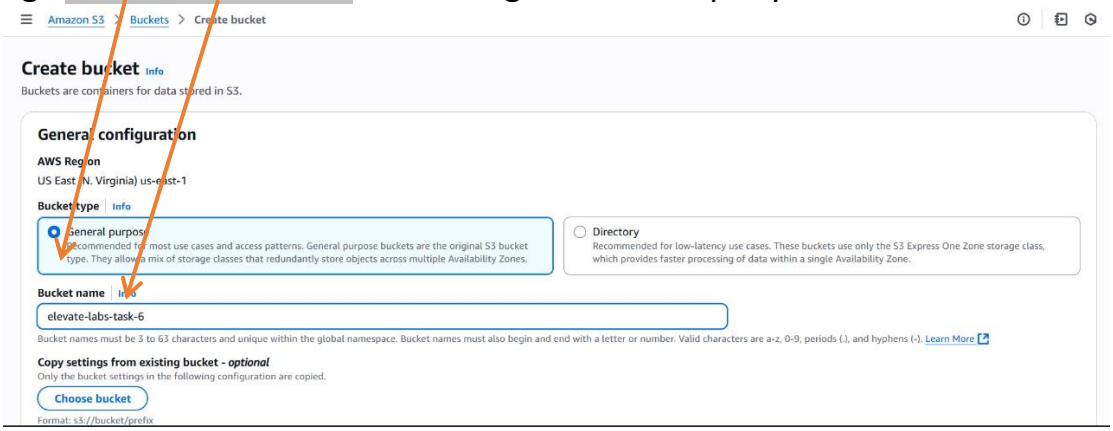


Click on S3 you see like this:

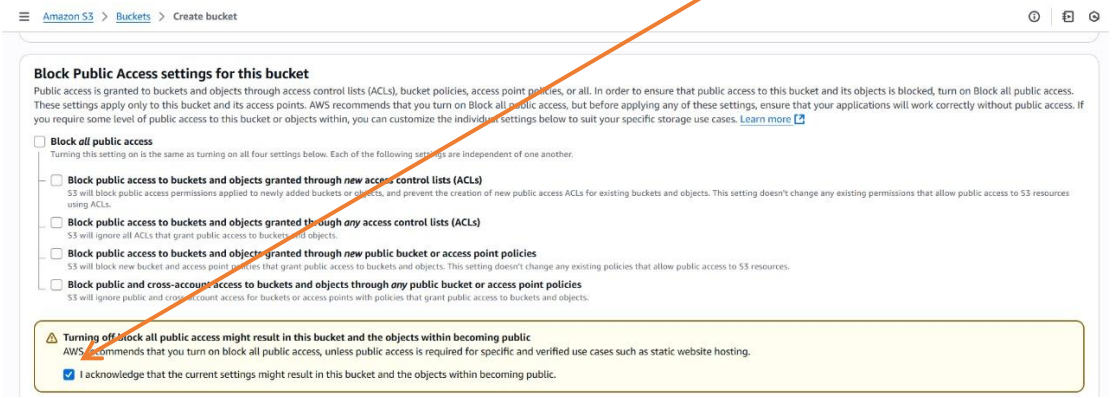


Click on "Create bucket"

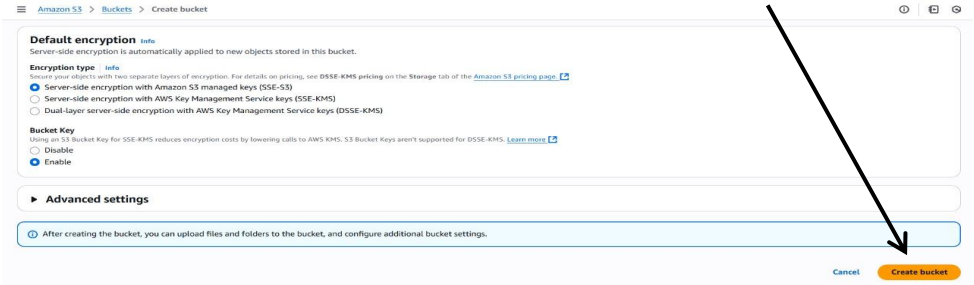
2. After that, Select your bucket type in this example I am selecting as "General purpose" Name your bucket as I am naming eg:"elevate-labs-task-6" You can give name as per your choice.



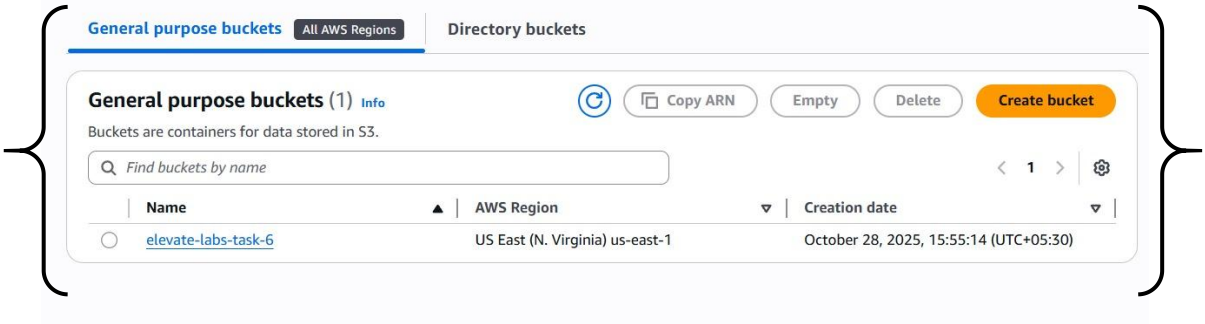
3. Untick Block Public Access and click on "I Acknowledge"



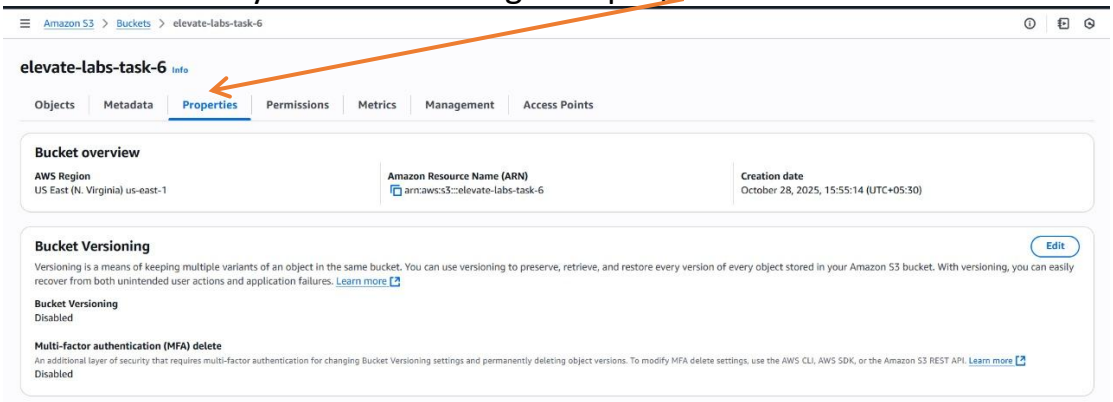
4. Leave everything as default and click on "Create Bucket"



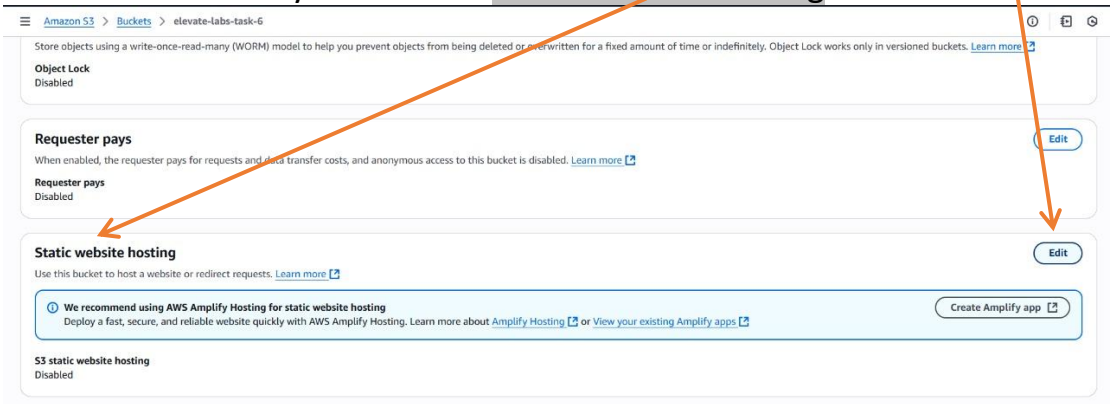
5. You can see you “Bucket” As I show below:



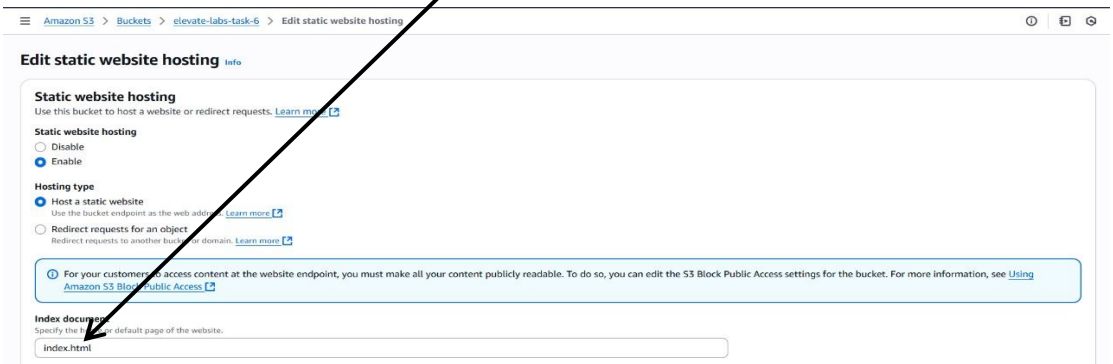
6. Then Click on your bucket and go to “properties”



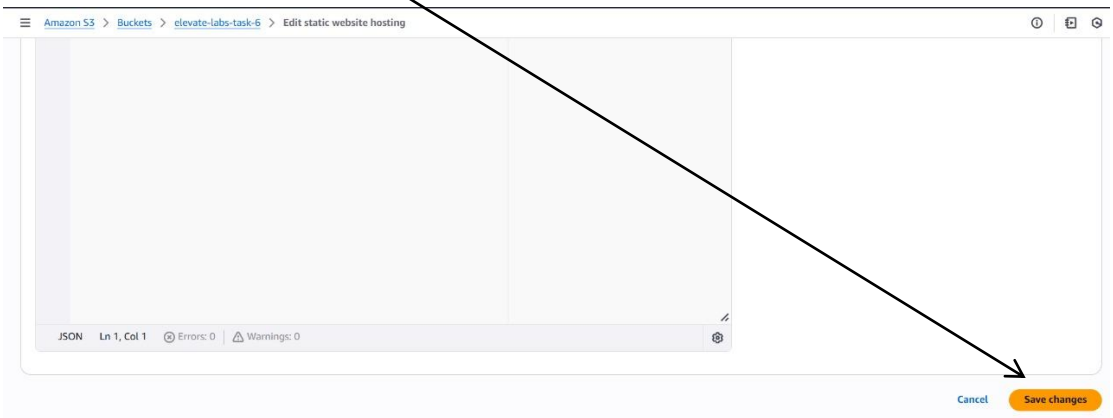
7. Scroll down and you will see “Static website hosting” Click on “Edit”



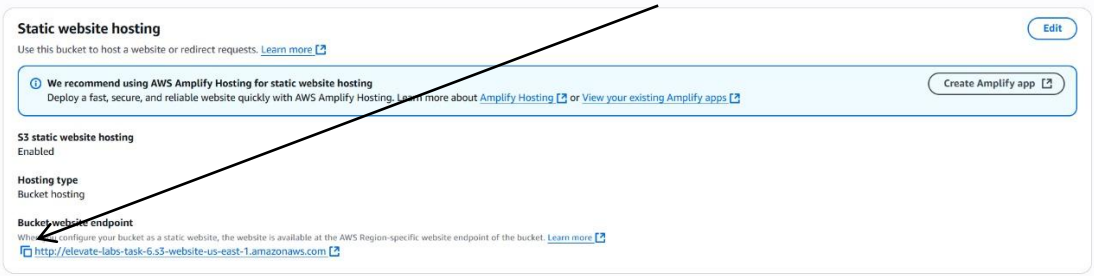
8. After that leave everything as default as Name your Index Document As I am naming in this eg: “Index.html”



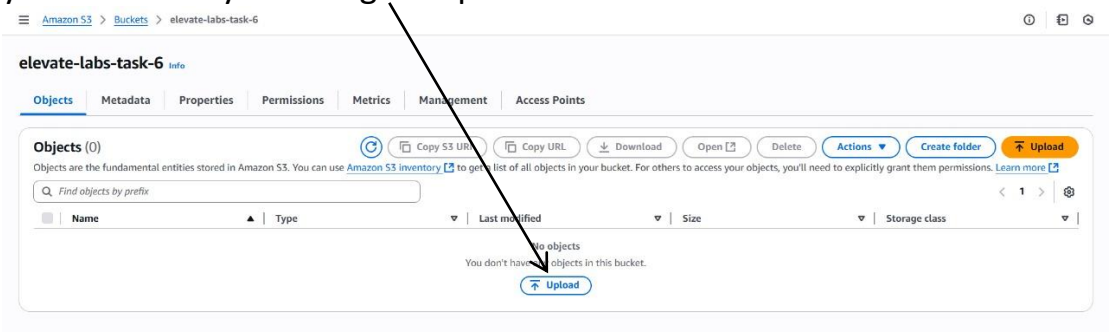
9. Then click on “Save changes”



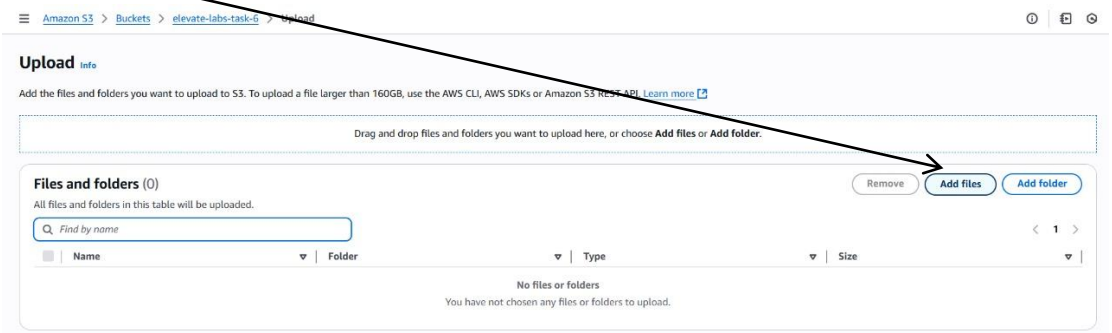
10. After doing this you can see “Bucket website endpoint” or URL link



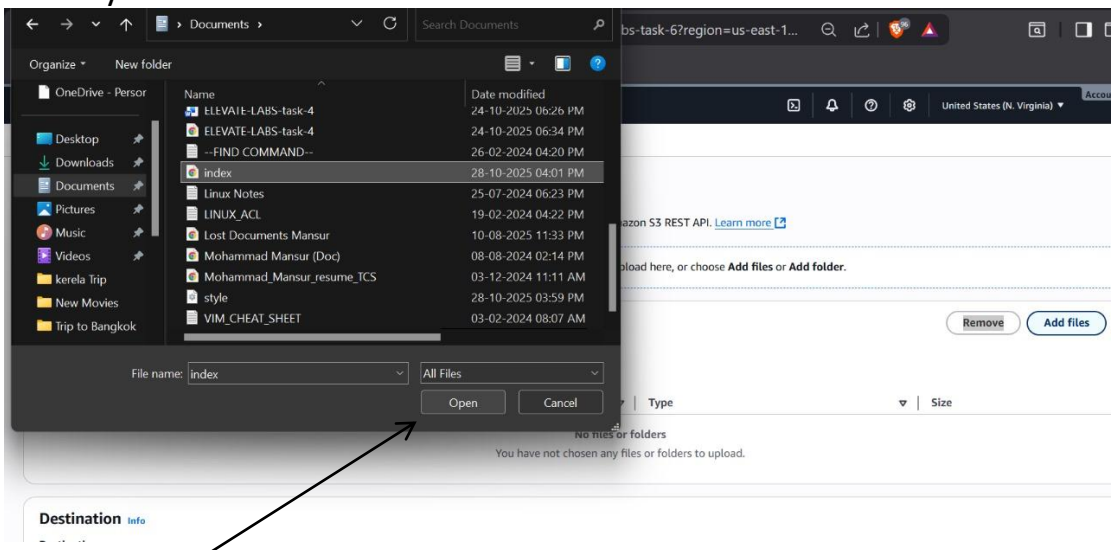
11. Then go to Objective and upload your both “Index and Style” File in your bucket. By “Clicking on Upload”.



click in “Add file”

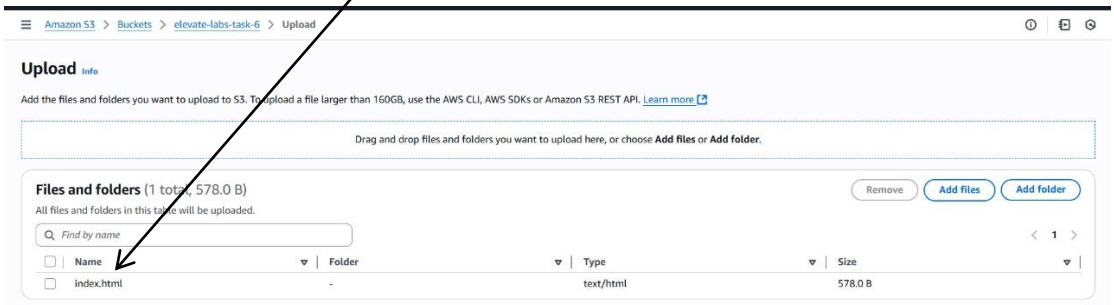


Select your index file

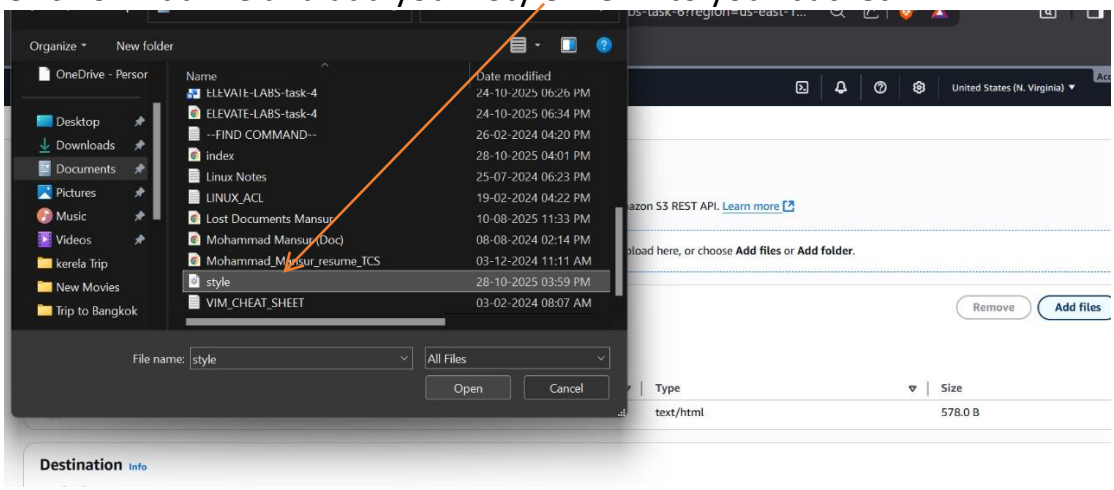


Click on “open”

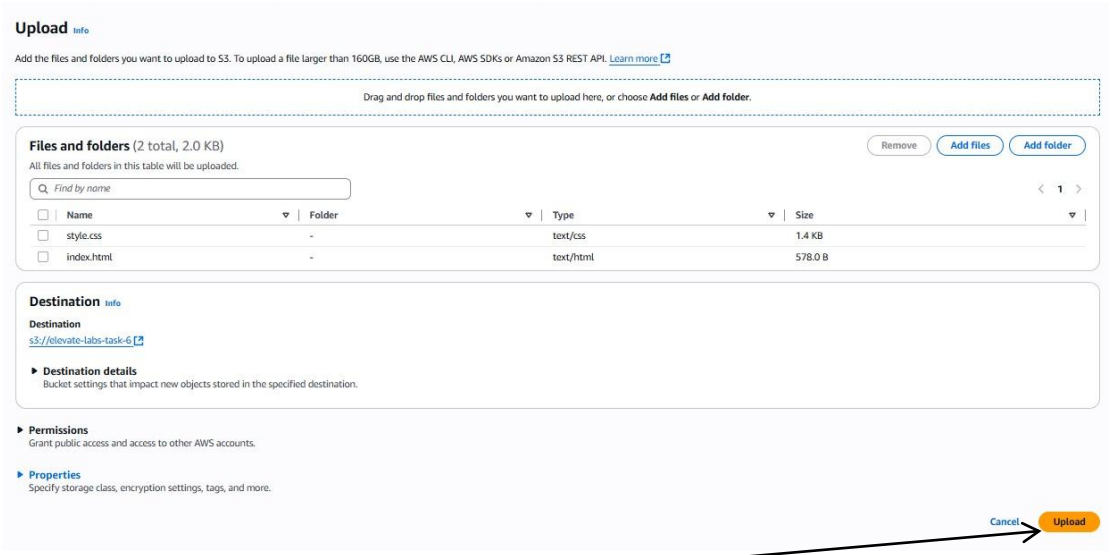
As you can see your “index file” in your bucket do the same process for another file.



CLick on Add file and add your “Style file” into your bucket

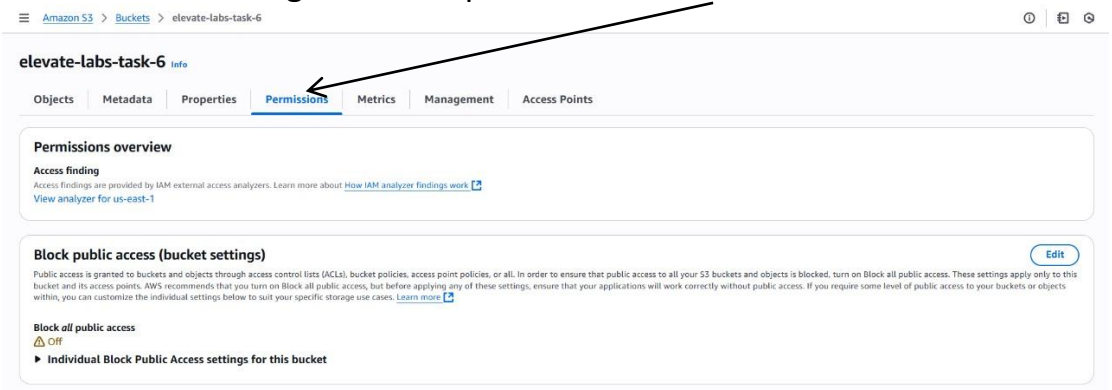


Then you can see your both files in your bucket

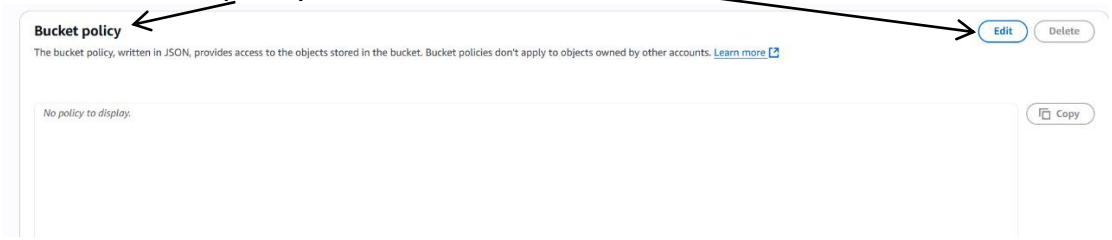


After doing this click on “Upload”

12. Now after doing this all steps click on “Permission”



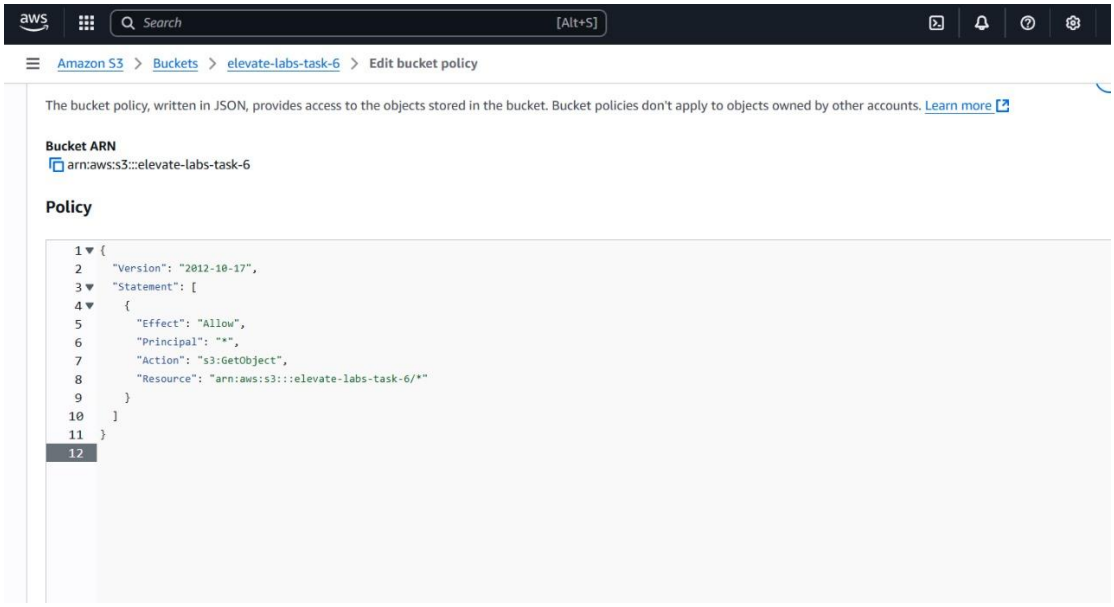
Go to “Bucket policy” and click on “Edit”



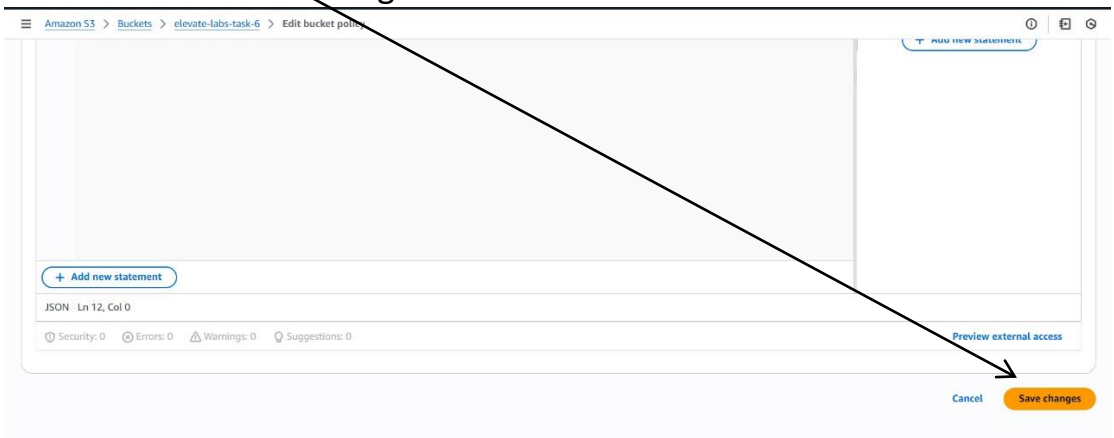
Write the below code In the edit box

```
{
 "Version": "2012-10-17",
 "Statement": [
  {
   "Effect": "Allow",
   "Principal": "*",
   "Action": "s3:GetObject",
   "Resource": "arn:aws:s3:::elevate-labs-task-6/*"
  }
 ]
}
```

like this

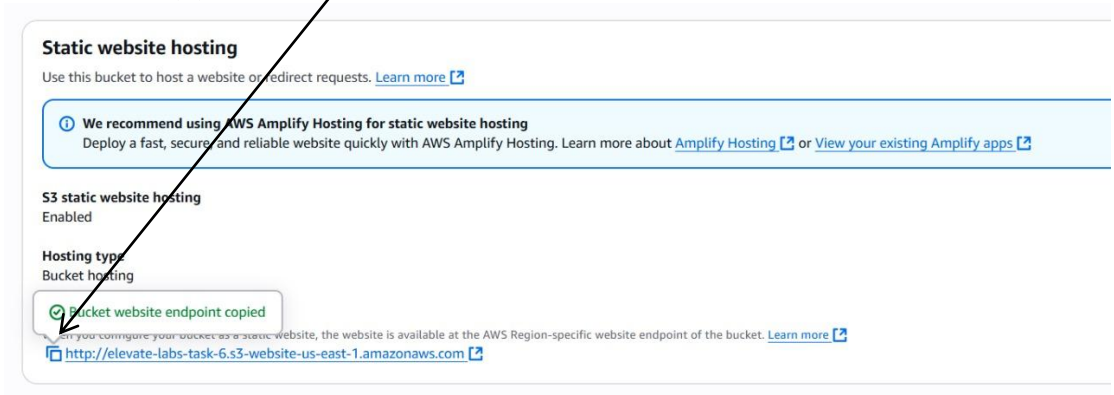


Then click on “Save changes”



We have succesfully given the permission

13. Now copy the “URL”



14. Paste the “URL” into your browser

15. And then click on enter… You will see the final output like this: