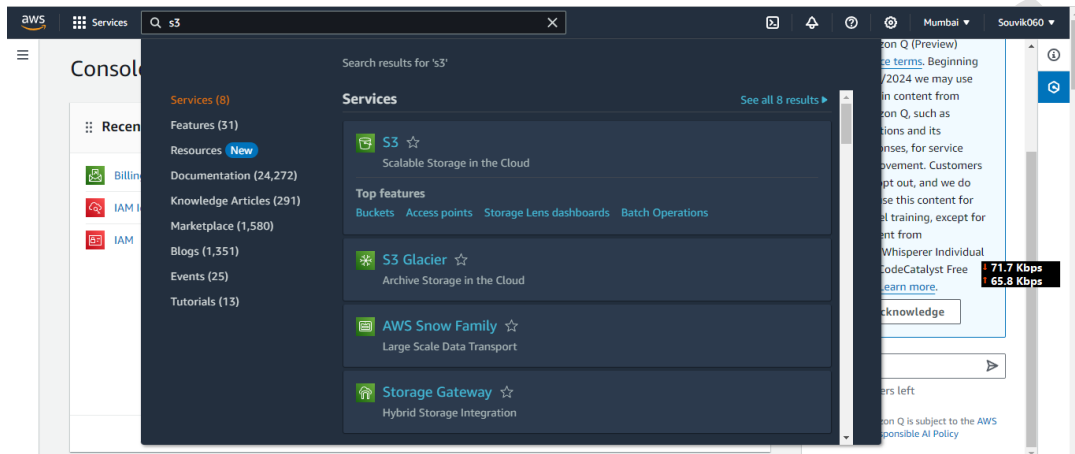


## Assignment 4

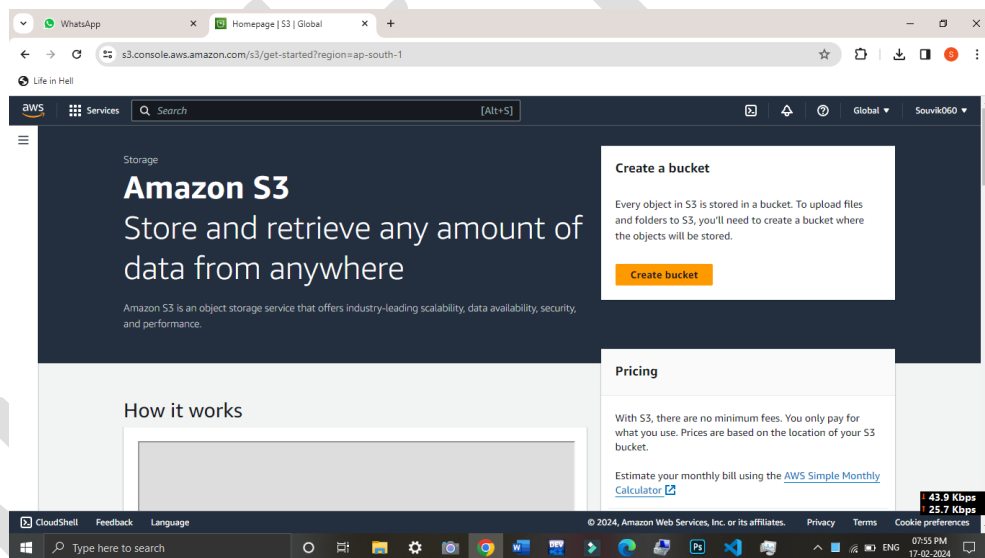
**Problem Statement:** Create a private bucket in AWS Upload a file and check by reassigned URL whether you can access the file or not.

- A Bucket is folder which is used to keep our file. For creating the bucket these following steps will be followed:

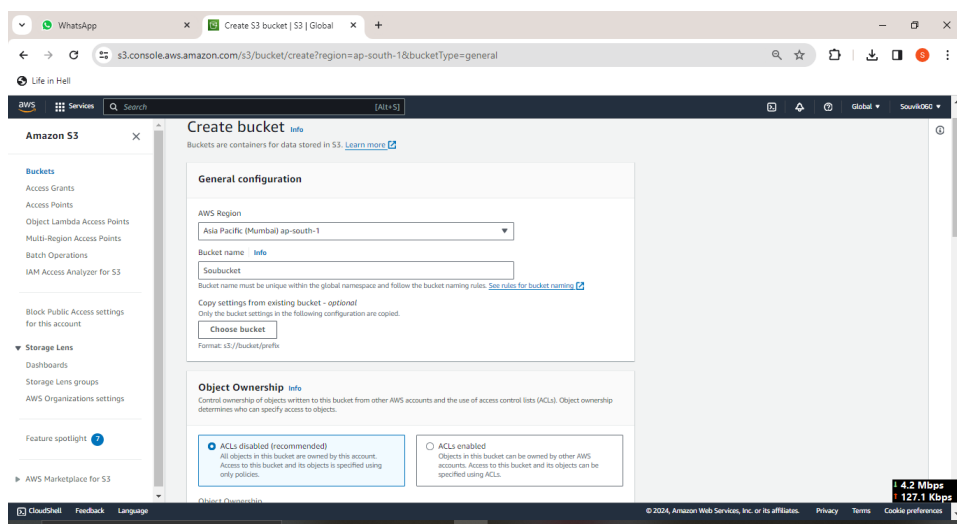
1. At first search S3 in search bar and click on it.



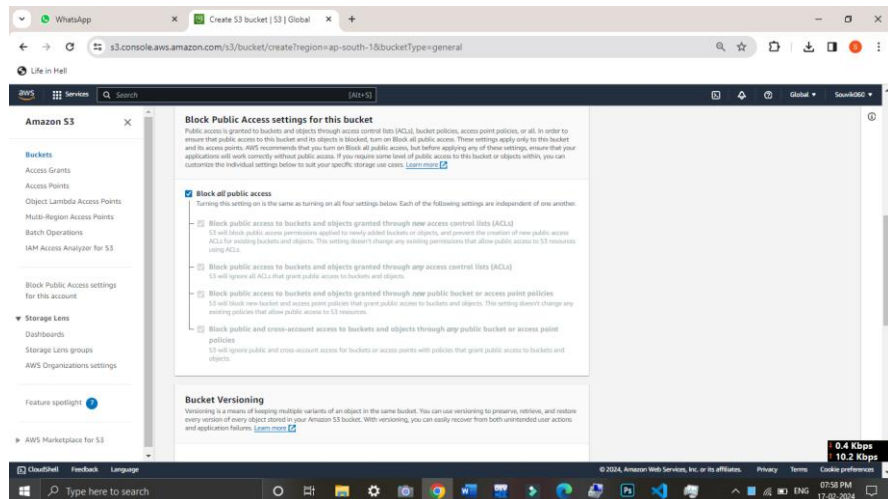
2. Now click on the 'Create bucket' (right side) option for creating a new bucket.



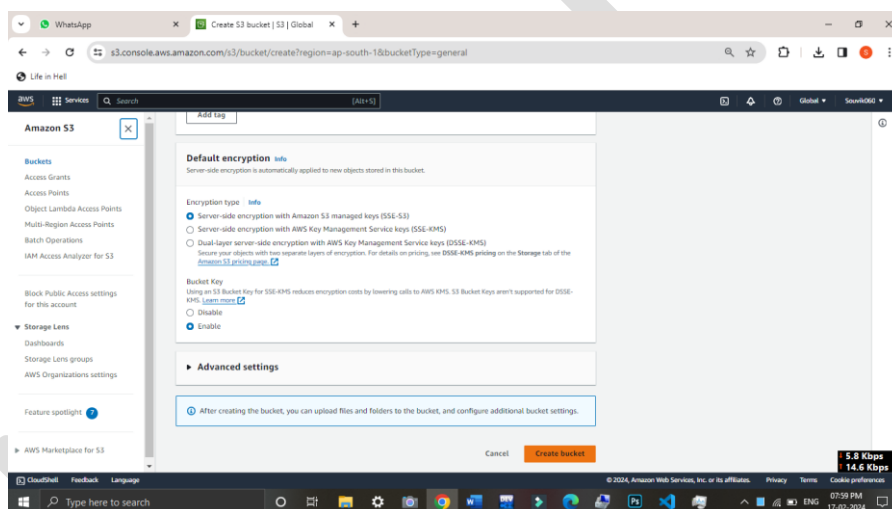
3. Select the AWS region Mumbai and give a unique bucket name else it will not accepted globally. Also uppercase letter will not be accepted.



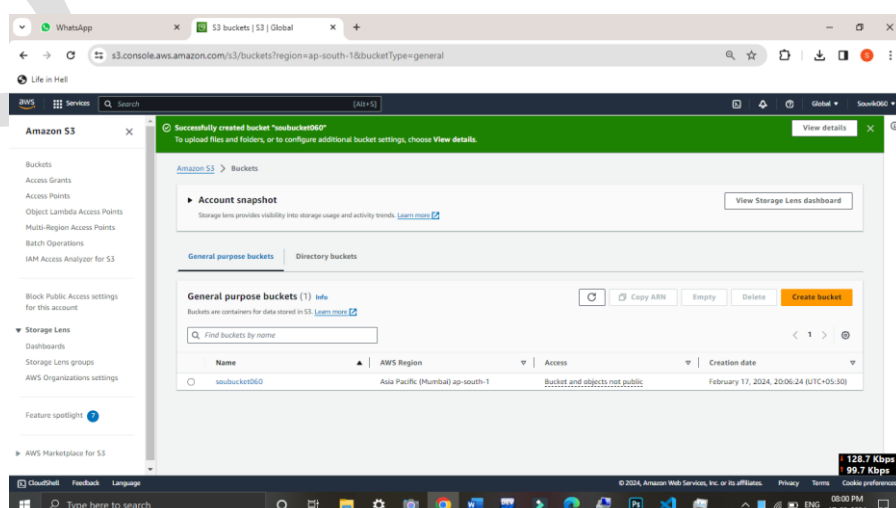
4. Now we can see that ACLs (Access Control List) is disabled and we have to keep that same . And we have also kept Block all public access check(default).



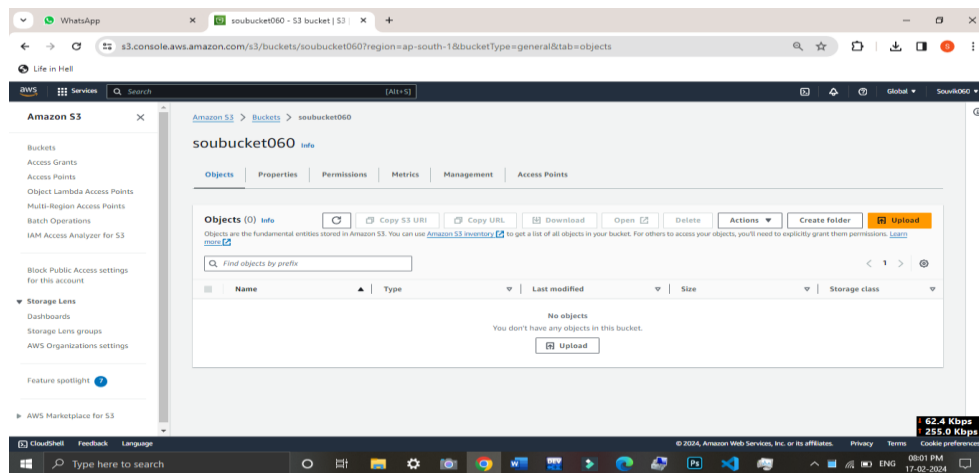
5. After leave all next options as default , click on 'Create bucket'.



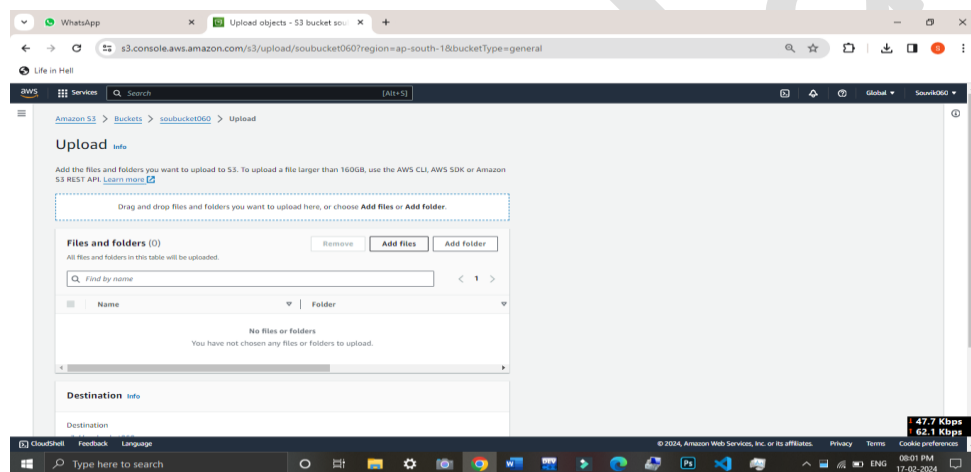
6. Bucket is created successfully . Now click on newly created bucket.



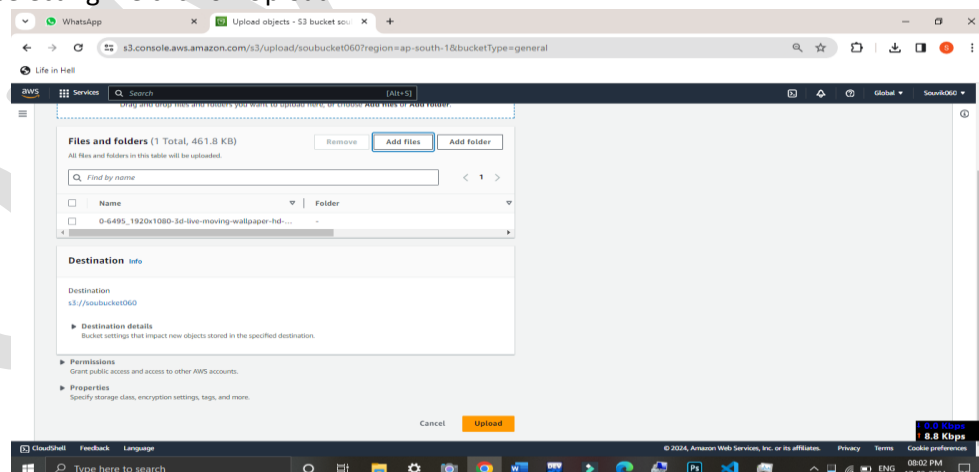
## 7. Click on Upload.



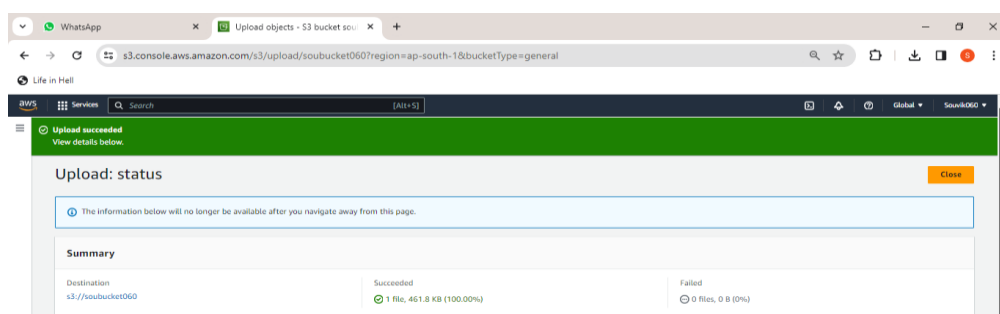
## 8. Click on Add files.



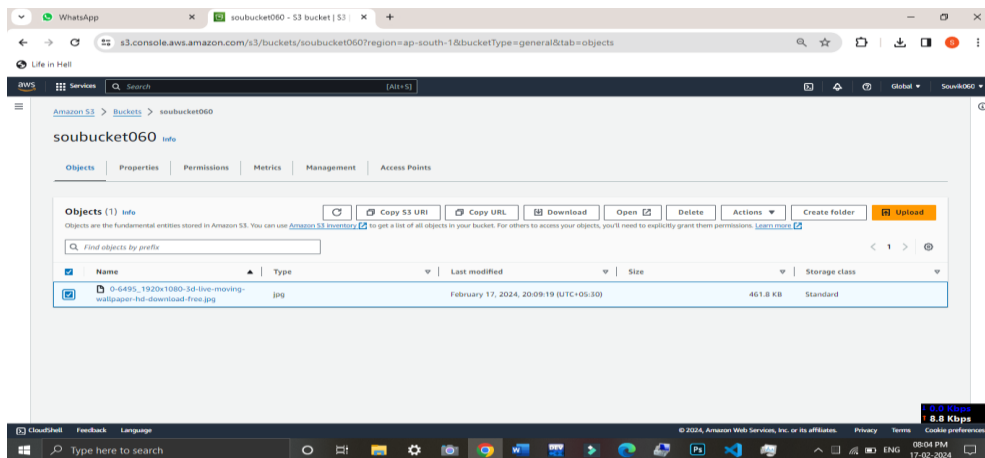
## 9. After selecting file click on Upload.



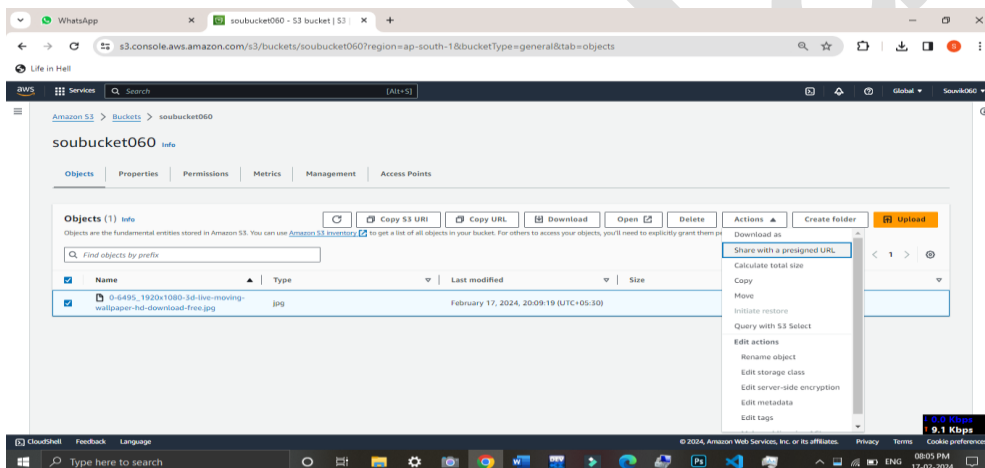
## 10. Now we can see that Upload succeeded. Click on 'close'.



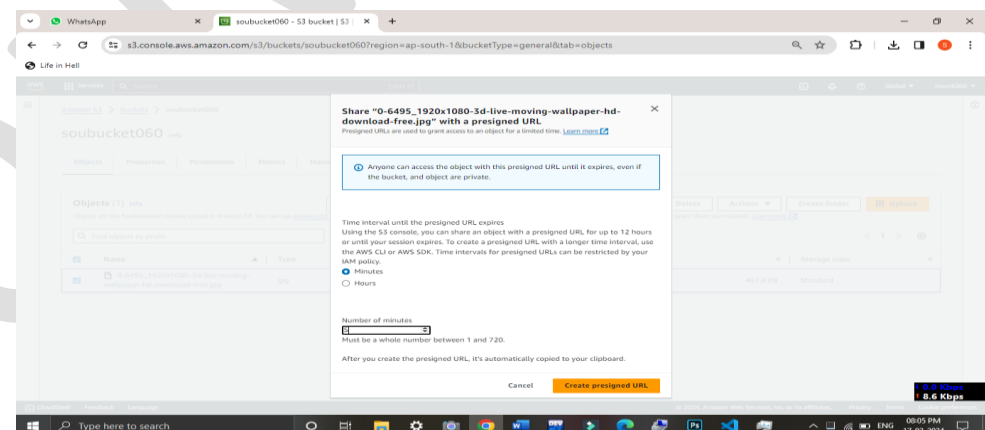
11. Now go back to Buckets. Click on bucket name. After clicking on it we can see the document inside the bucket and click on checkbox of uploaded file name.



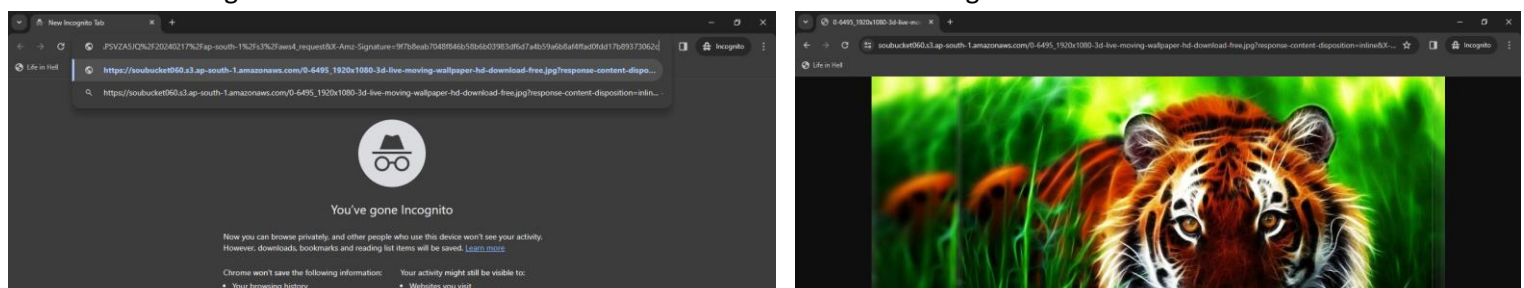
12. Click on 'Actions' in menu dropdown and click on 'share with a presigned URL'.



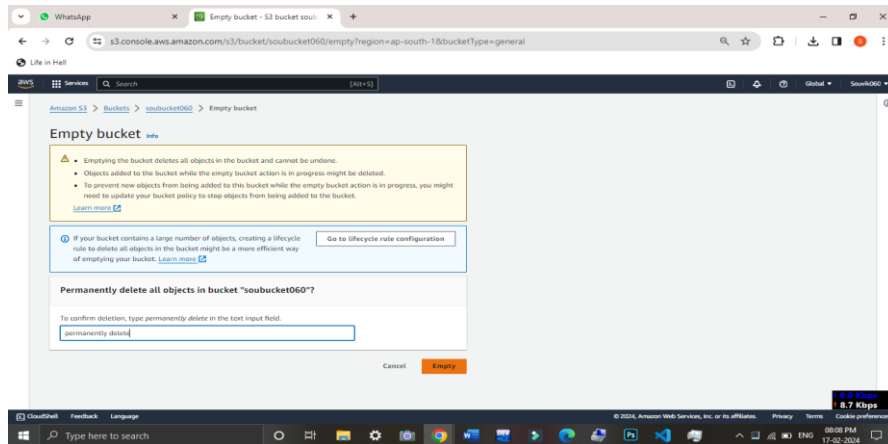
13. Select time intervals for presigned URL as Minute. And give 5 as number of minutes and click on Create Presigned URL.



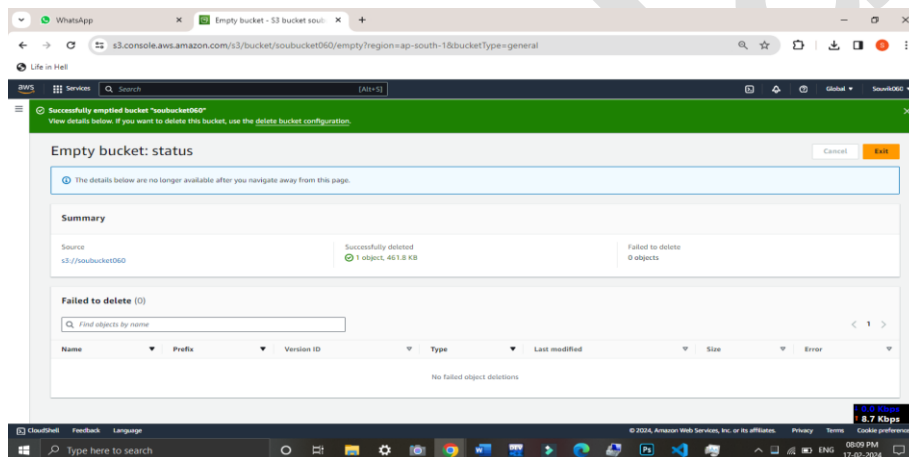
14. Now open a incognito tab and paste this URL and we have to see our uploaded file, as we have given 5 minutes time interval so after 5 minutes no one can access it again. After pressing in incognito we can download the file. We can see that URL is working fine.



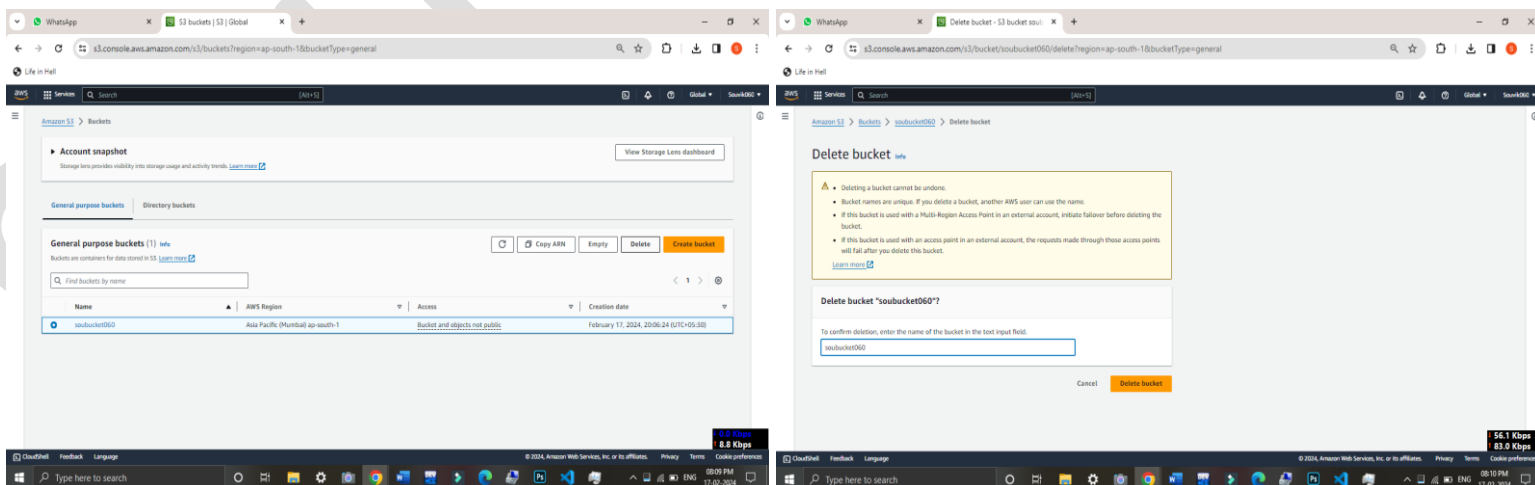
15. Now to delete it at first click on bucket option then select the bucket name and first empty it. And type permanently delete for empty the bucket.



16. Bucket is empty now click on 'Exit'.



17. Now press on Delete. And write the given bucket name and click on 'Delete bucket'.



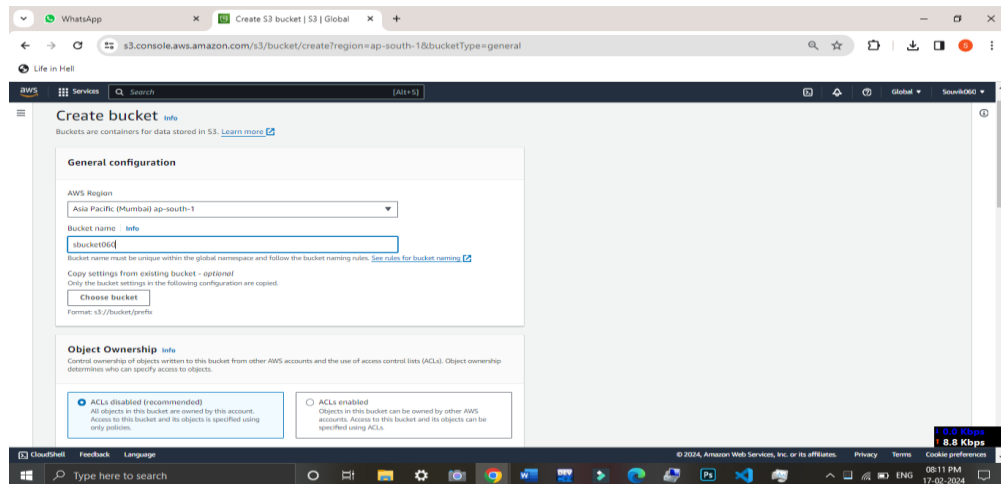
18. Bucket is deleted successfully .

## Assignment 5

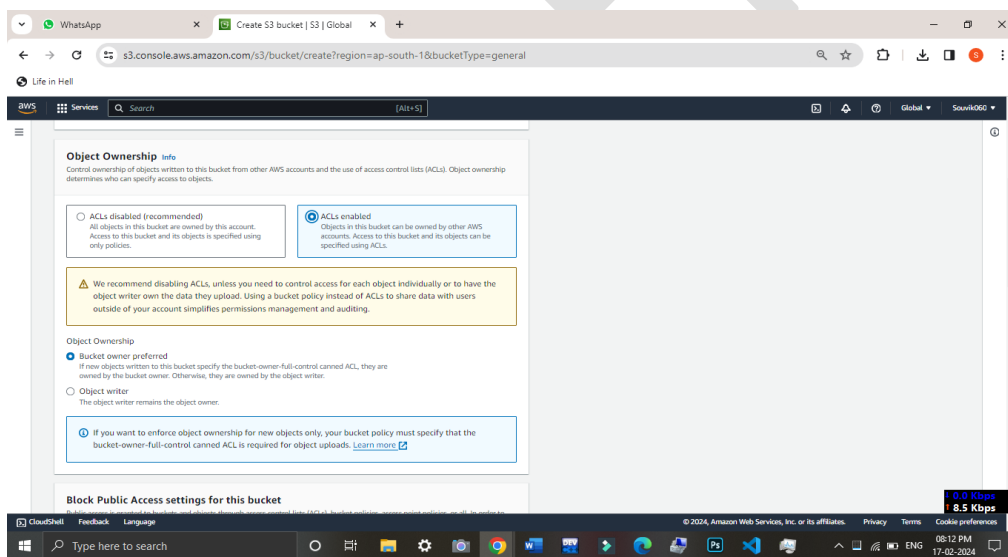
**Problem Statement :** Create a public Bucket in AWS. Upload a file and give the necessary permission to check whether the file URL is working.

Steps are same like previous private bucket creation but some changes are there:

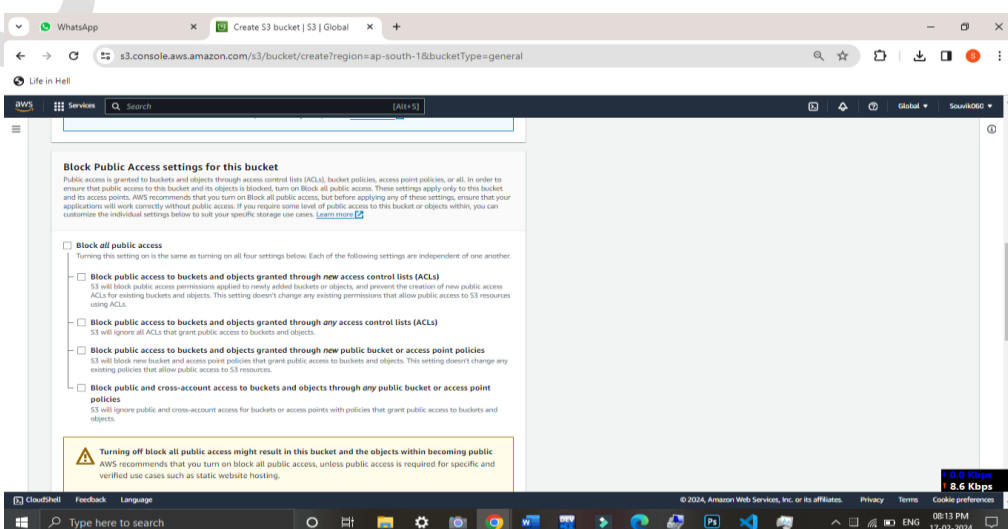
1. Click on S3 and click on Create bucket. Then give the region Mumbai and give the unique bucket name.



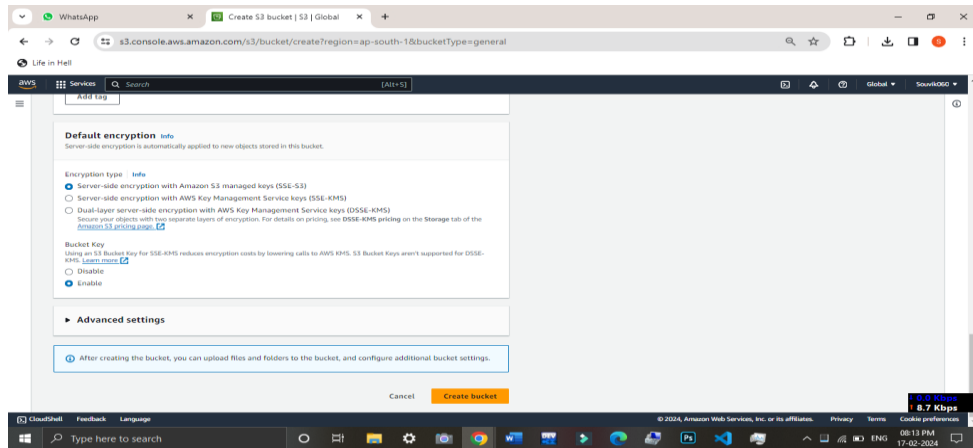
2. Now click on ACLs enabled.



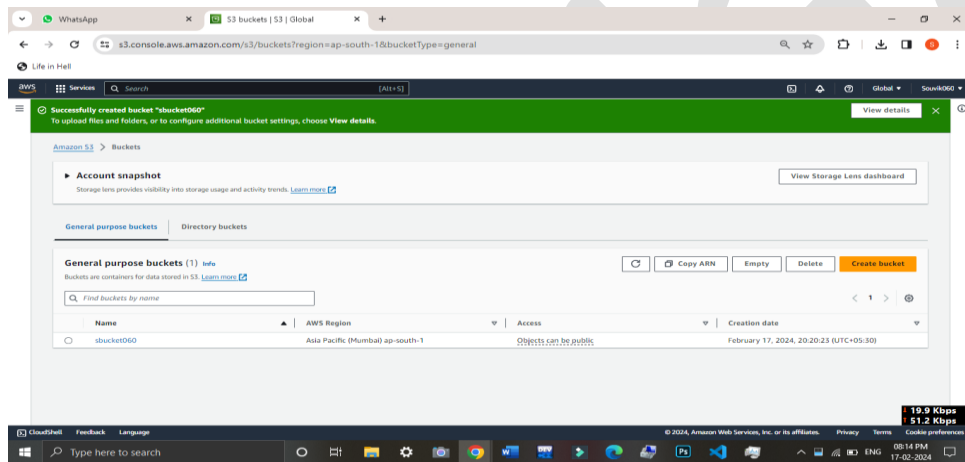
3. Now uncheck 'Block all public access' and click on check box I acknowledge that the current settings might result in this bucket and the objects within becoming public.



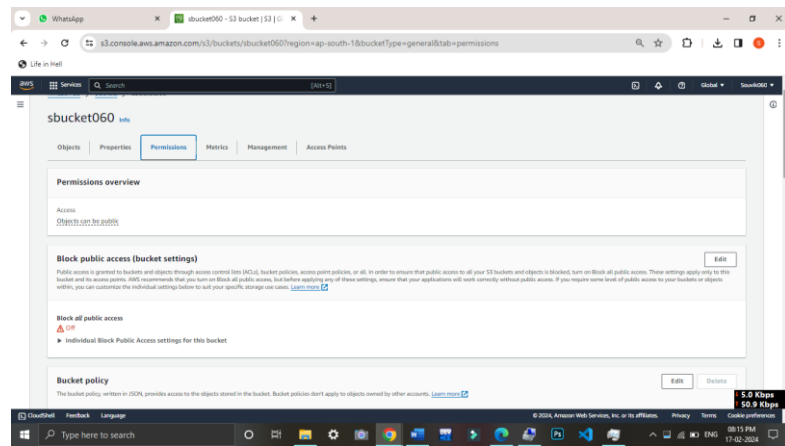
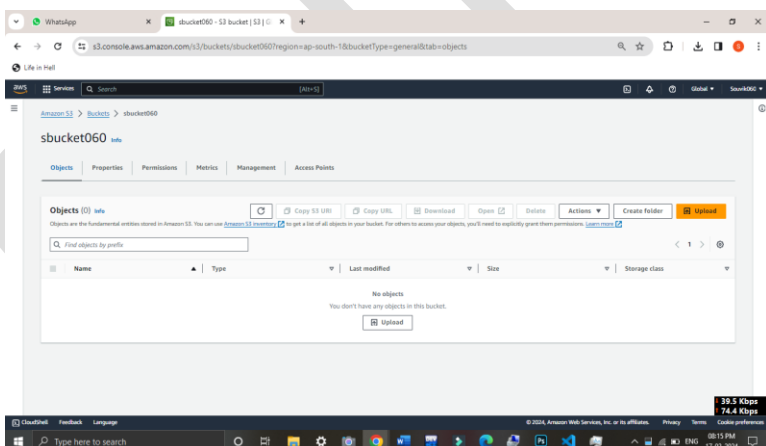
#### 4. Now click on Create bucket



#### 5. Now click on bucket name.

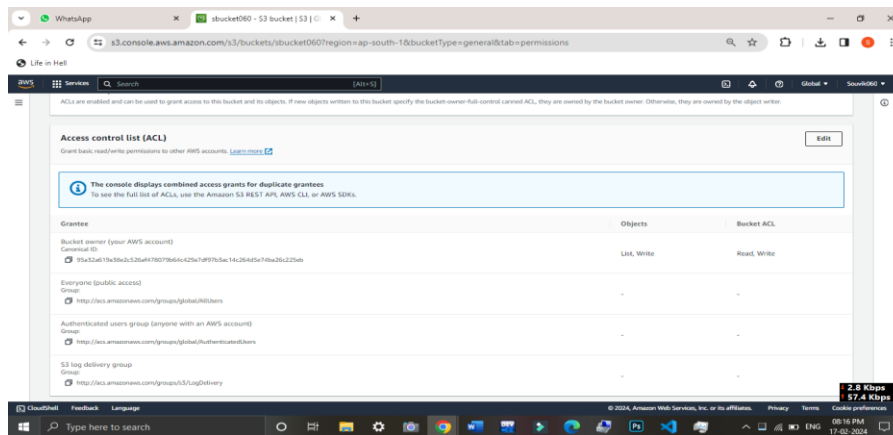


#### 6. After opening the bucket click on 'Permission'.

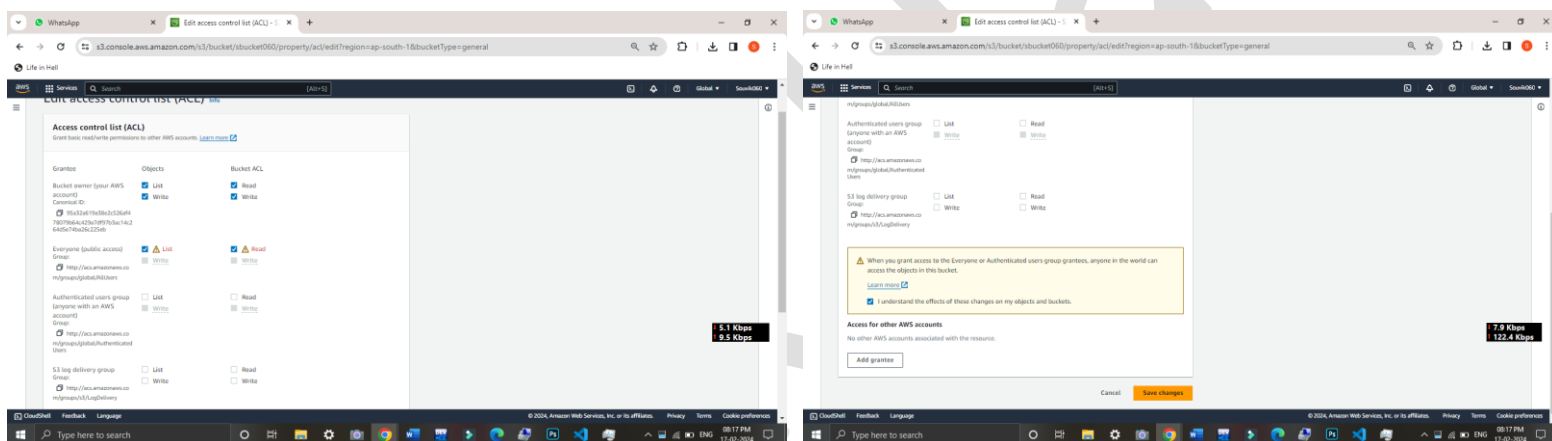




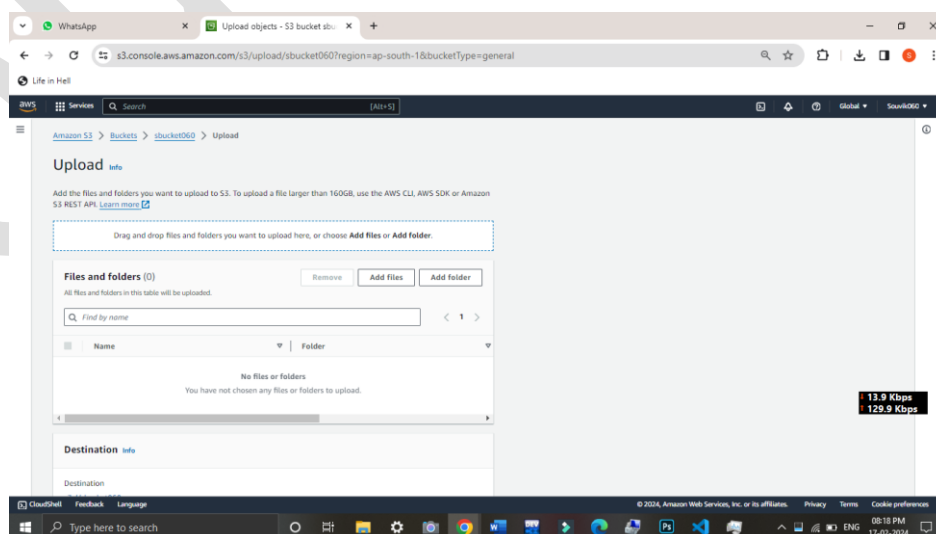
## 7. Now click on edit option of ACLs



8. After this click on check box of 'list' and 'read' in 'Everyone(public access)'. Then click on 'I understand the effects of these changes on my objects and buckets'. And finally click on 'Save changes'.

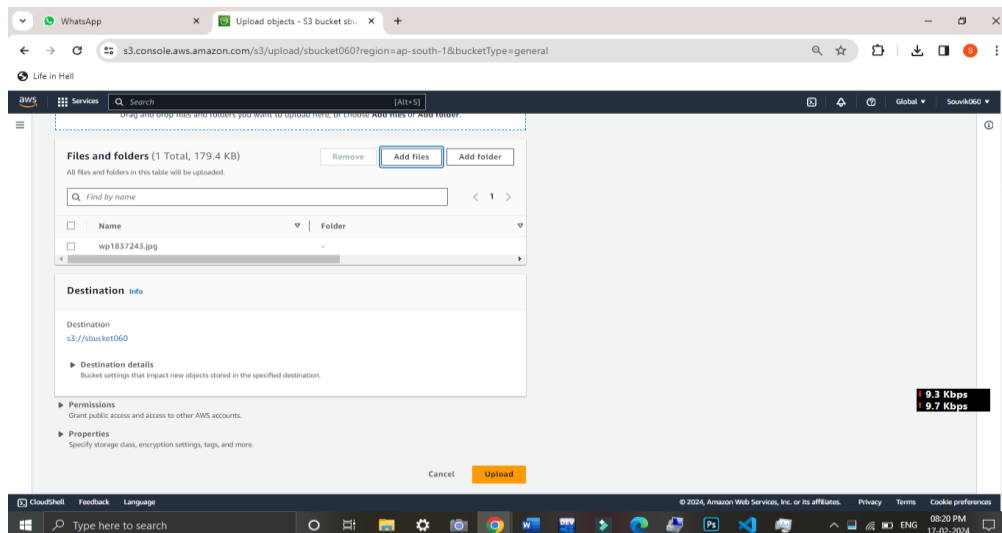


9. Now back to buckets option and click on bucket name and click on Upload. After that we have to upload a file from device.

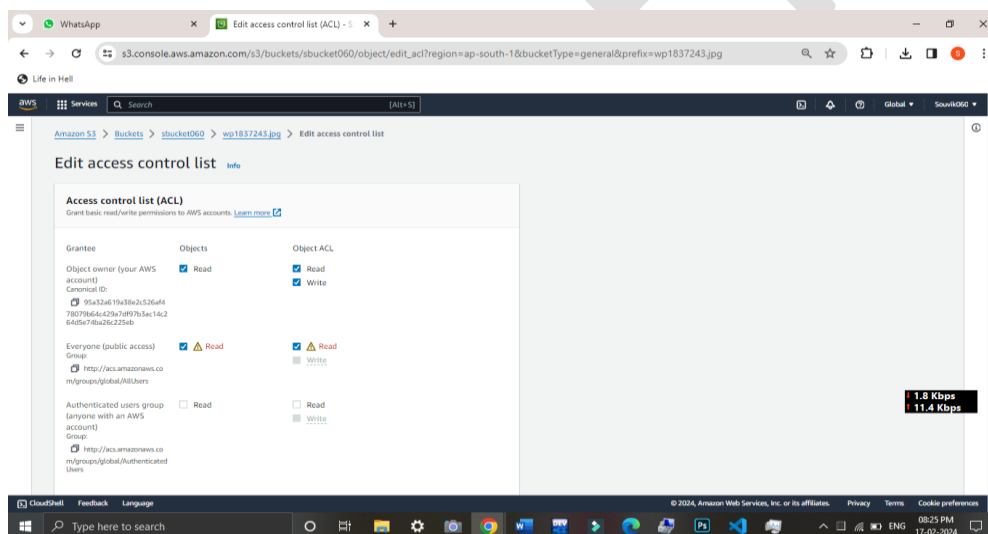




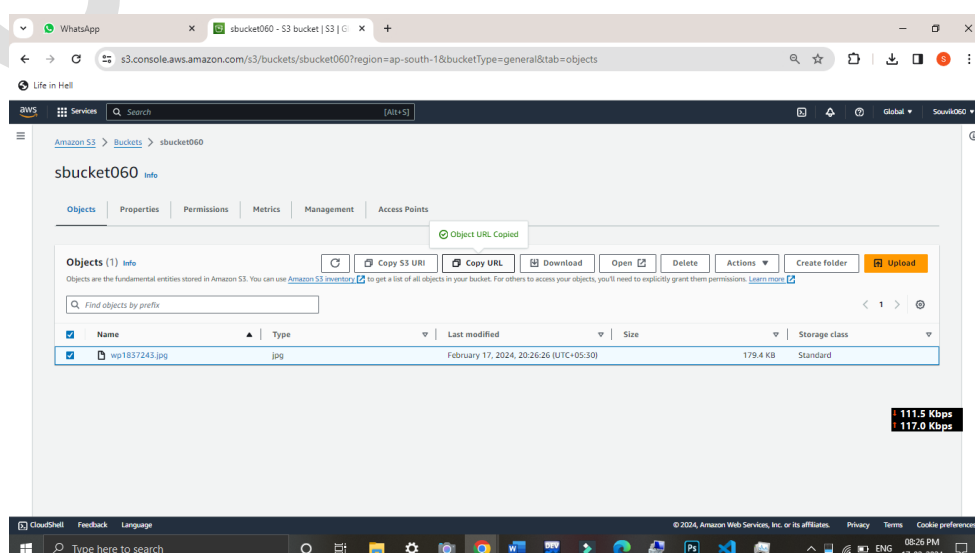
10. After select the file click on 'Upload' from the bottom.



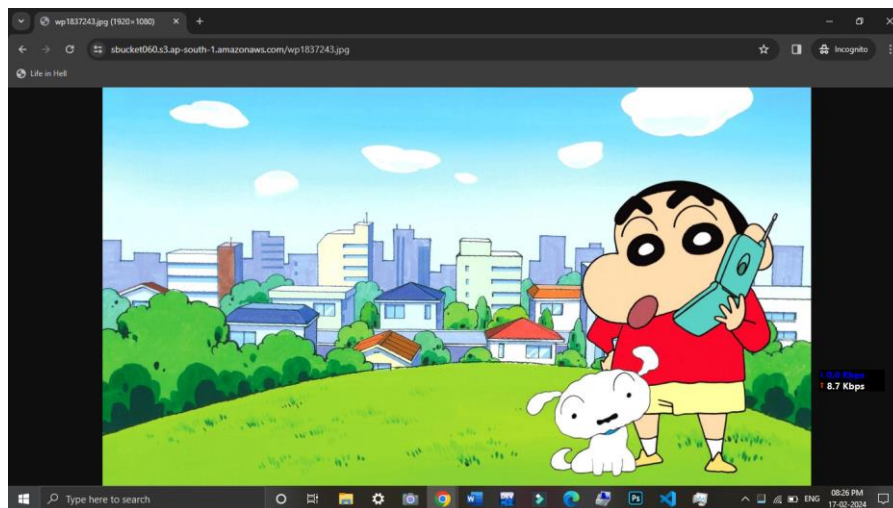
11. Now after uploading the file click on Permission dropdown and click on check box Specify individual ACL permissions. And click on check box of 'Read' in Everyone(public access). Next click on 'I understand the effects of these changes on the specified objects' checkbox and click on 'Save changes' option .



12. After successful upload now go back to bucket again. Click on bucket name and now click on file option checkbox. And then click on 'Copy URL' option.



13. Now paste the URL in incognito mode. And we can see our uploaded file .  
Anyone can access it now as it is public. The URL is working fine.



14 .Process of Deletion the bucket is same as the previous private bucket deletion.

Souvik Hazra

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