

School of Computer Science, Engineering and Applications(SCSEA)

B.C.A. TY (CCSA)

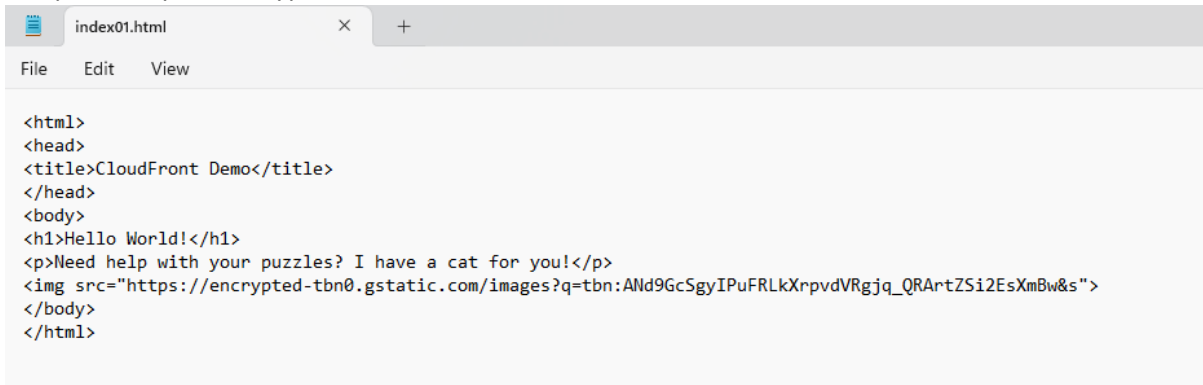
Subject : Advanced Cloud Computing (P)

Name of the Student: Prakhar Anil Sharma

PRN: 20220801121

Title of Practical : Securely access S3 images using Amazon Cloud Front

1] Open notepad and type the below html code and save it with index01.html and save it.



```
<html>
<head>
<title>CloudFront Demo</title>
</head>
<body>
<h1>Hello World!</h1>
<p>Need help with your puzzles? I have a cat for you!</p>

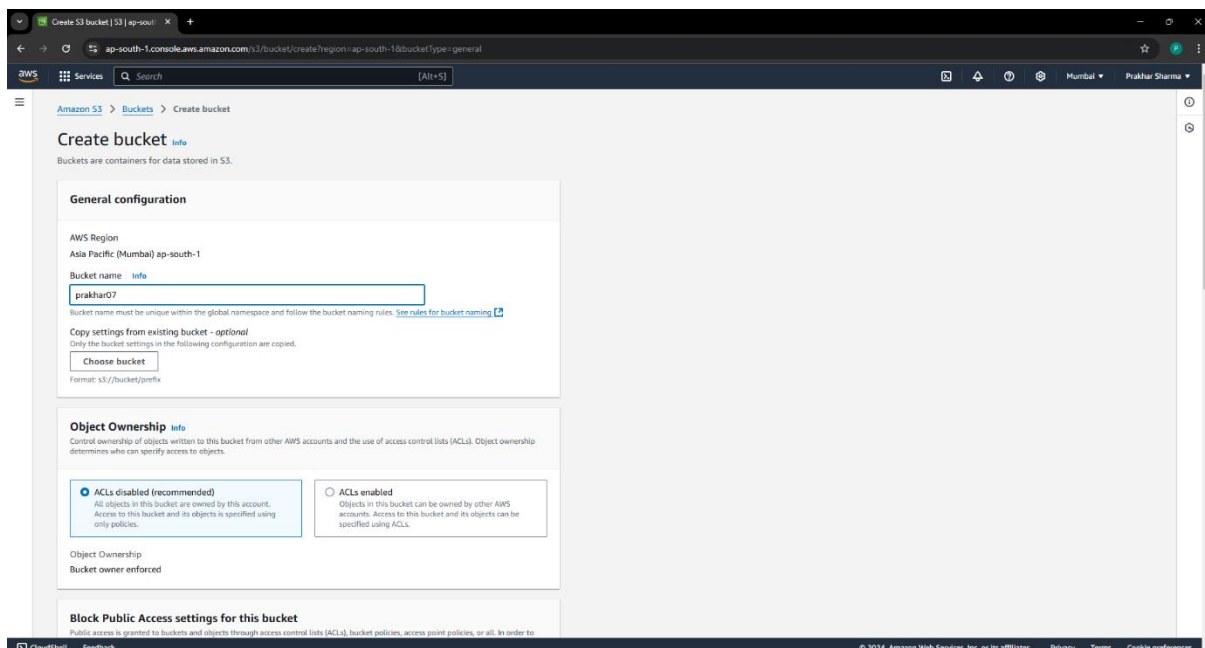
</body>
</html>
```

2] Now log in to AWS Management Console and search for S3 Bucket .

3] Click on Create Bucket.

4] Name the Bucket.

5] Click on Create bucket.



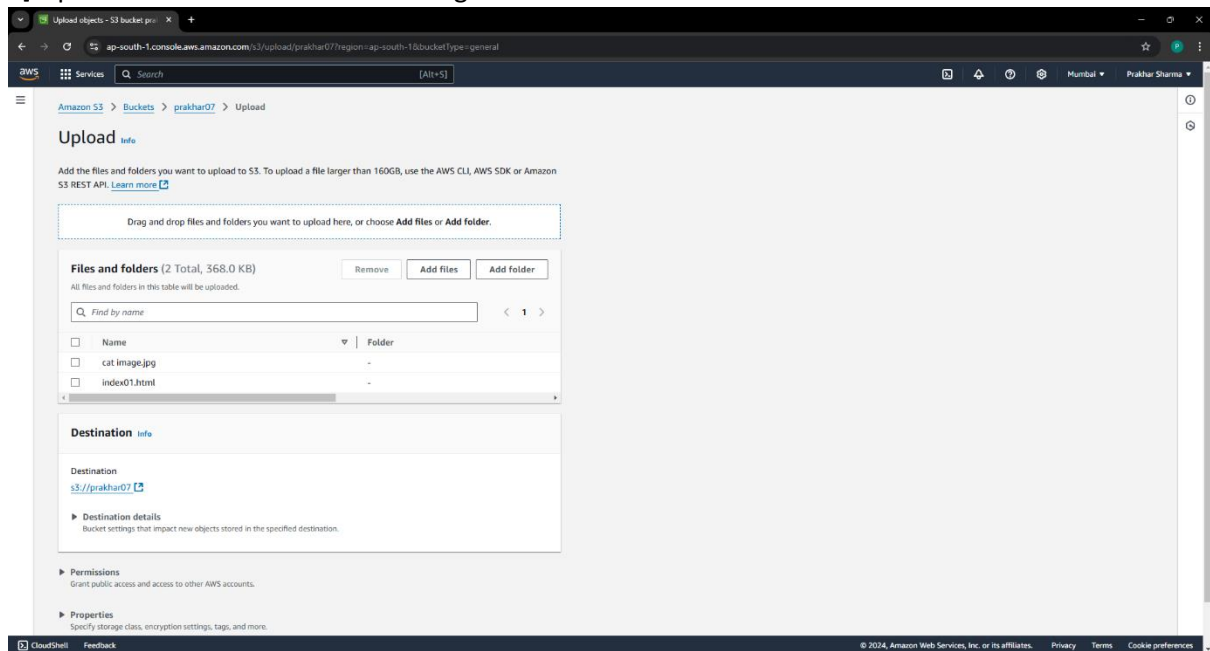
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6] Upload the index.html and the image in the bucket.



7] Now Search for Cloudfront .

8] Click on create distribution.

9] Select the domain from the dropdown.

10] Select second option in Origin access.

11] Click on and Create new OAC .

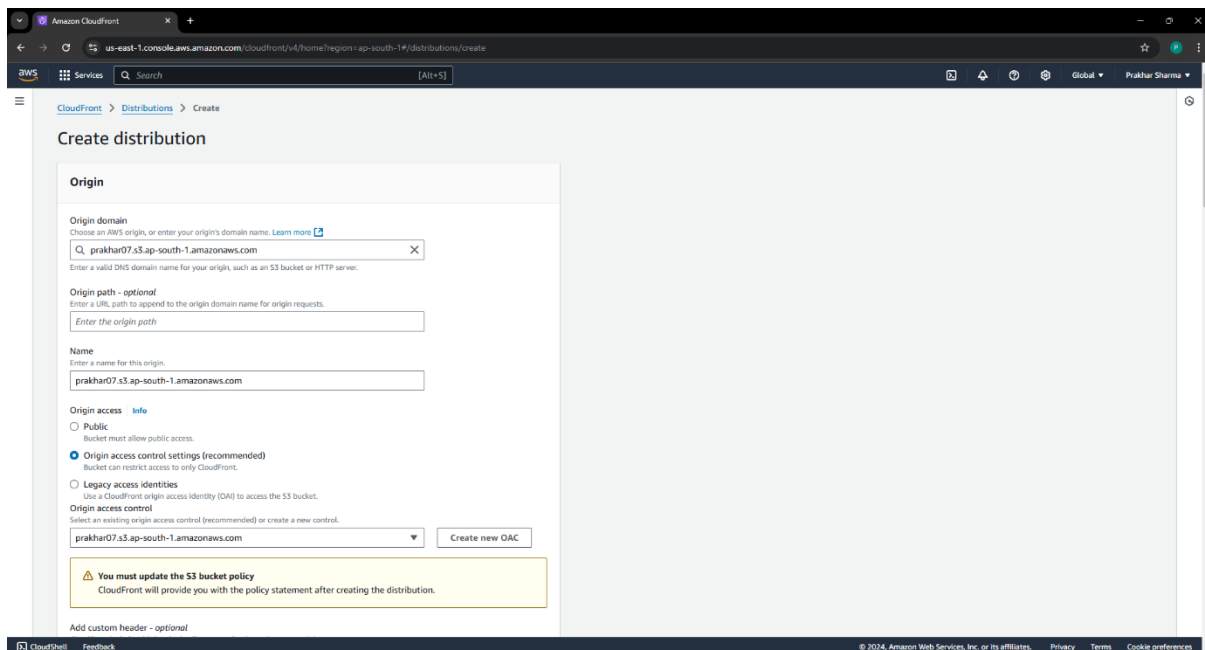
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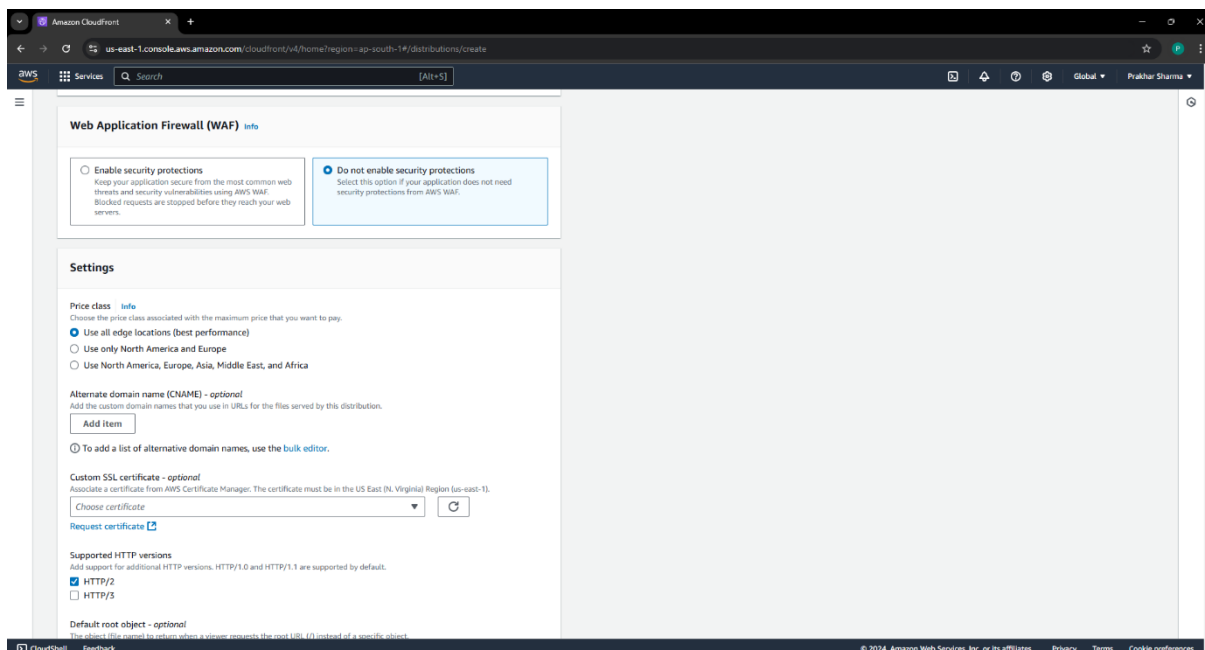
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12] In WAF , Select 2nd Option .



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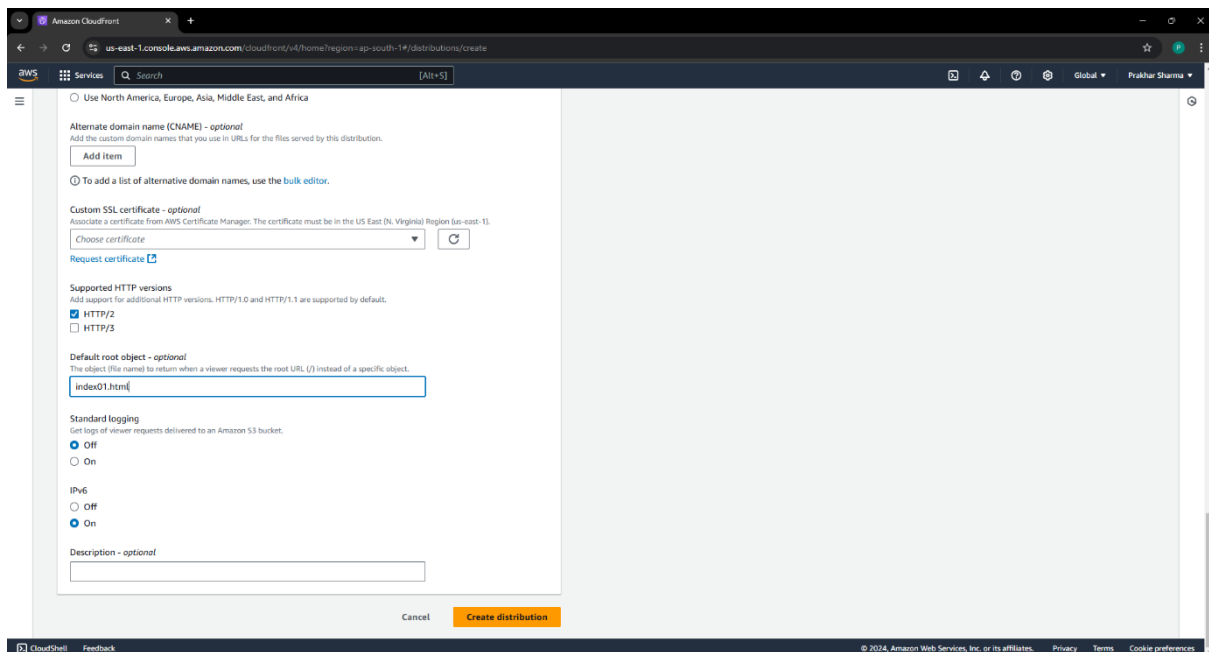
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13] In Default root object write the name of the html file saved .

14] Click on create distribution.

15] After Successful Creation of distribution , click on copy policy.

16] Go to S3 bucket ,click on the bucket .

17] In bucket , search bucket policy and click on edit policy .

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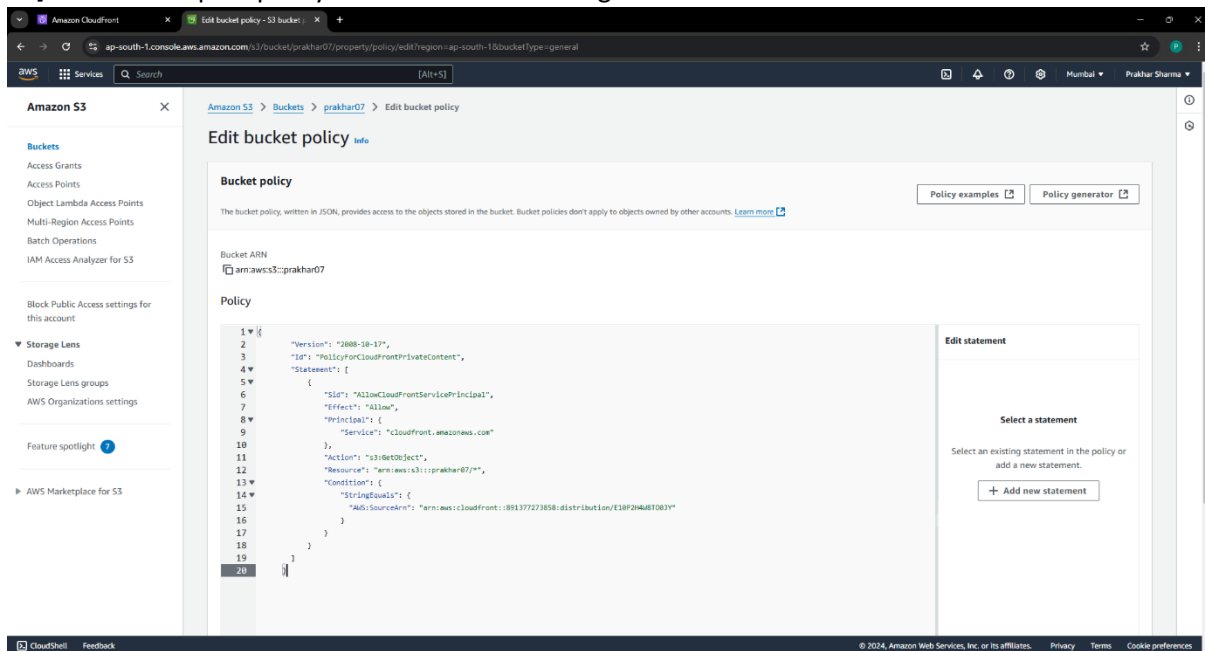
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18] Paste the copied policy and click on save changes.



19] Now When the distribution get deployed successfully , click on the created distribution.

20] In the details copy the domain and paste it in the new tab.

21] We can see our website and the image.

