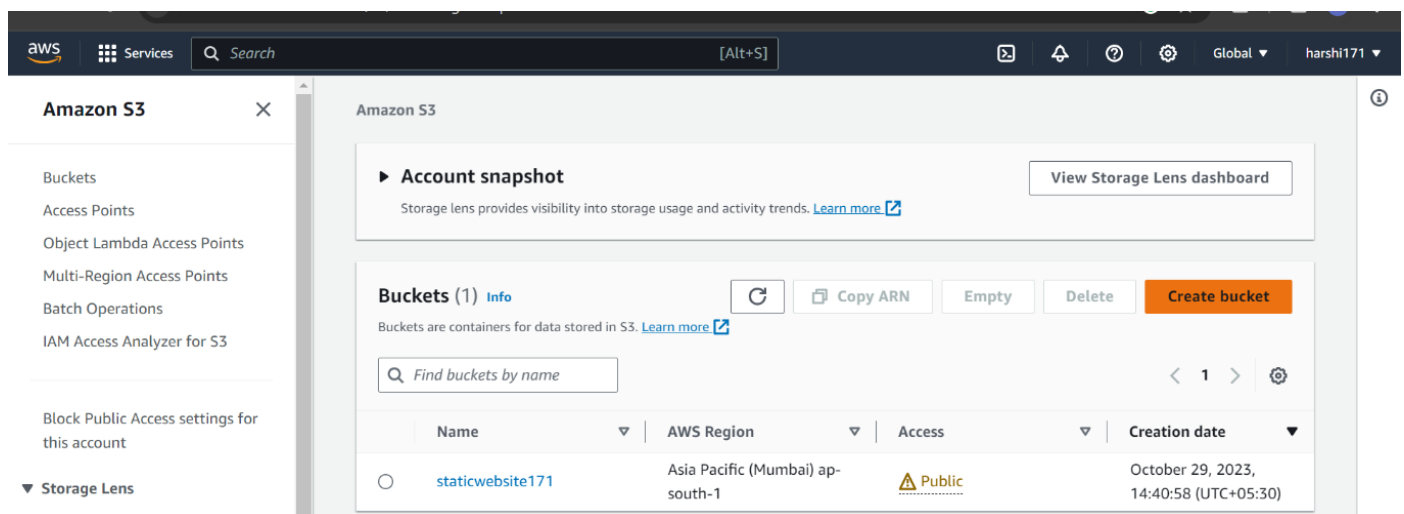


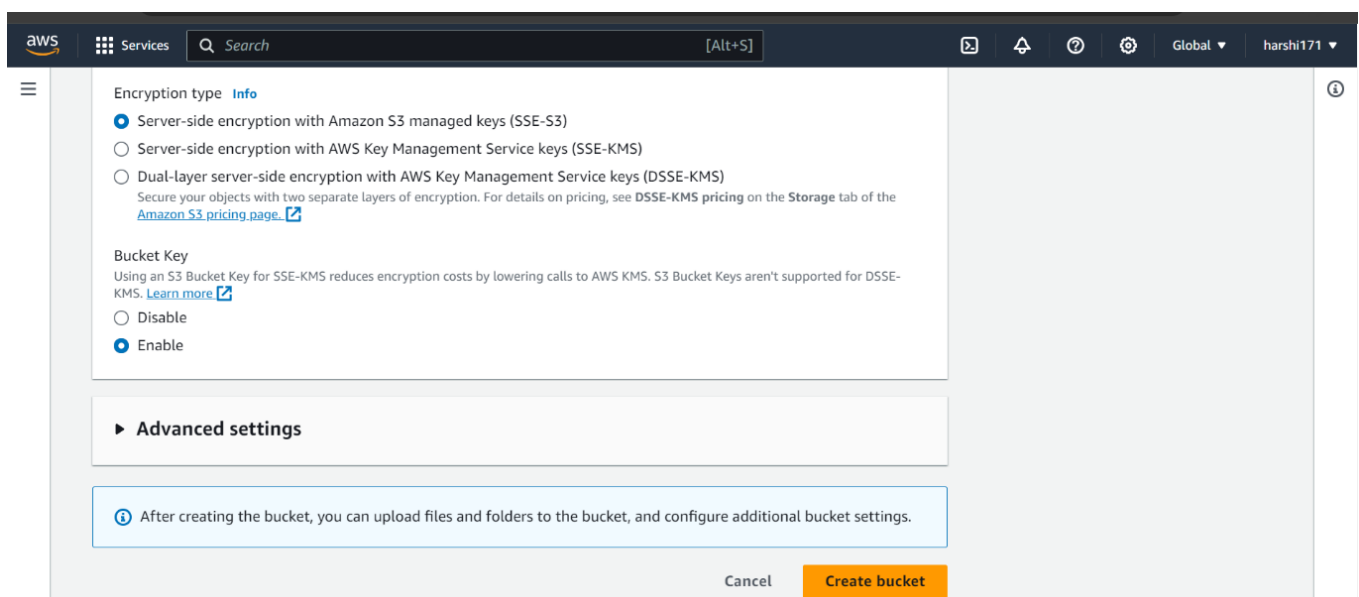
Steps to Create S3 Bucket and Host a Static Website (College Admission Form)

Firstly, I have saved HTML code for college admission form as clg.html. I also created errorfile.html which will show error if user enters invalid URL.

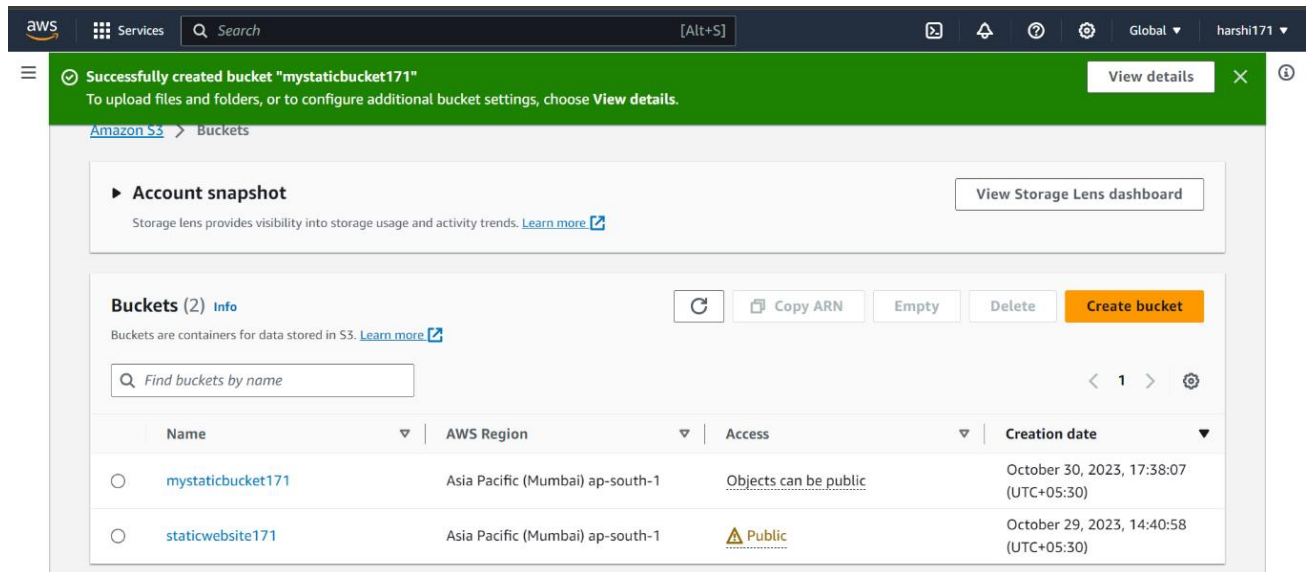
1. I signed into the AWS console, I created S3 Bucket as follows.



2. fill all the necessary details to create a Bucket, I gave the Bucket name as mystaticbucket171. I allowed public to access the bucket. Then clicked on create bucket.

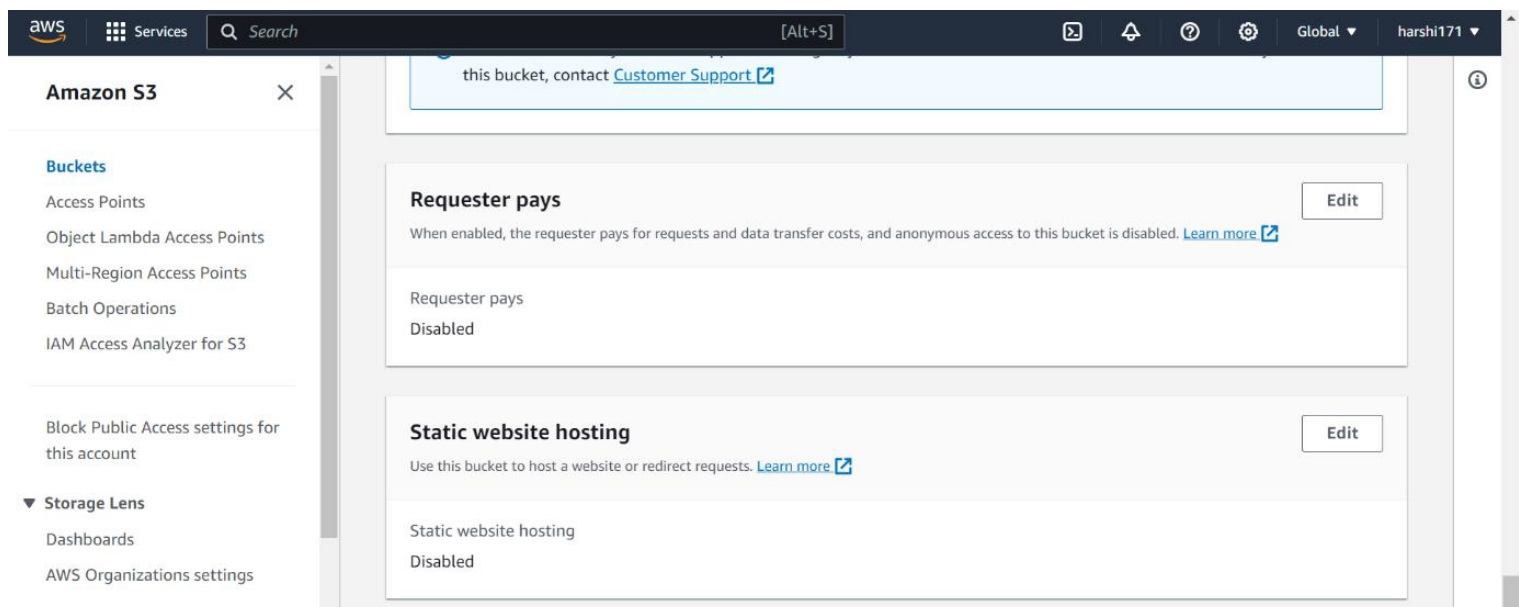


3. Mystaticbucket171 is successfully created. Now I can store objects in this bucket.

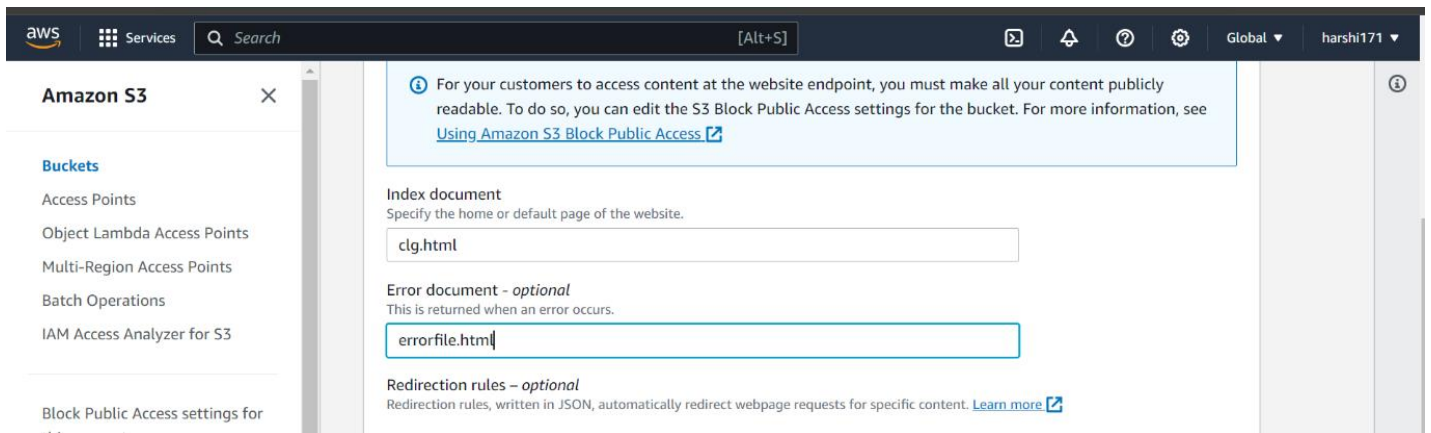


4. Now to add objects to bucket, click on update and click on add files and click on update. Clg.html file is now added to mystaticbucket171.

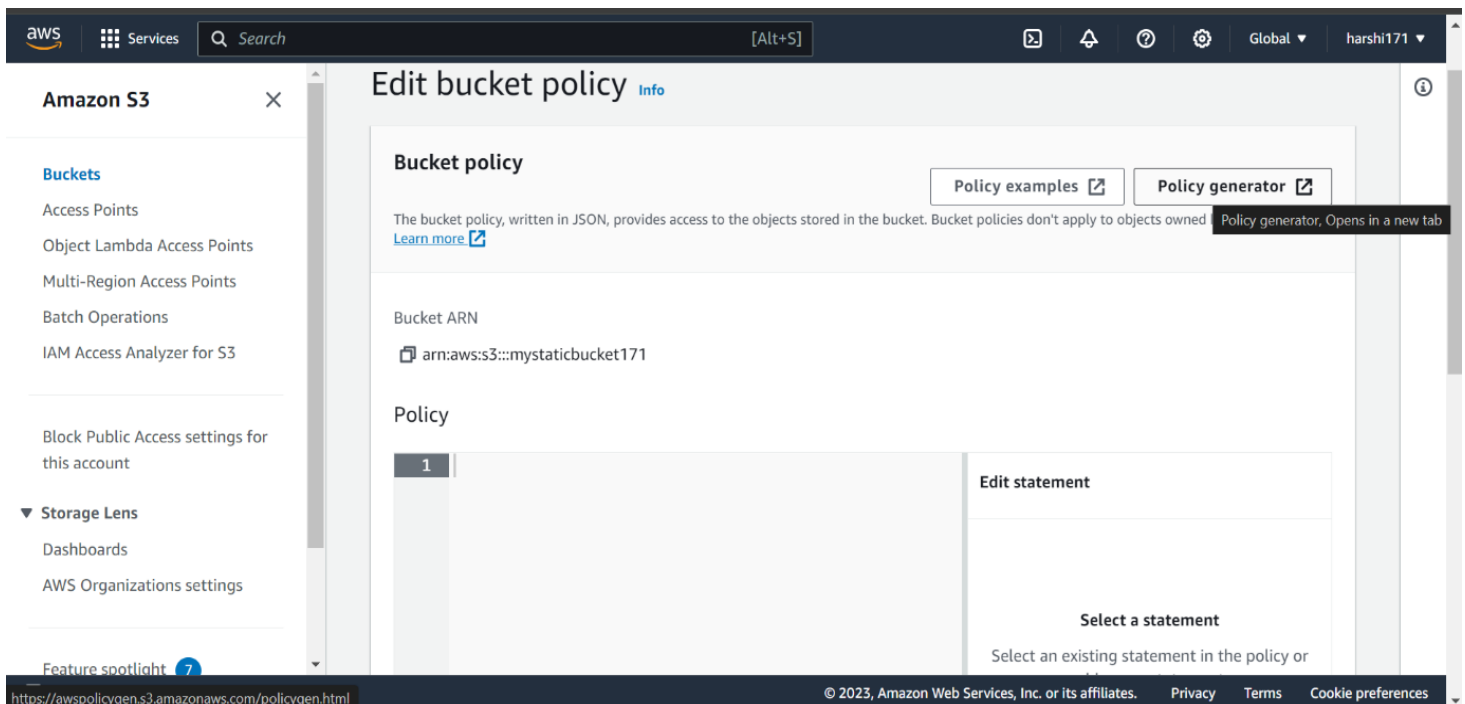
5. To host a static website i.e., clg.html file, click on static website hosting option.



6. Mention the index and error document files which are clg.html and errorfile.html



7. Now edit the bucket policy, click on policy generator and copy the bucket ARN mentioned in bucket policy.



8. Give the following options in the policy generator.

awspolicygen.s3.amazonaws.com/policygen.html

VPC Endpoint Policy, and an SQS Queue Policy.

Select Type of Policy S3 Bucket Policy

Step 2: Add Statement(s)

A statement is the formal description of a single permission. See a [description of elements](#) that you can use in statements.

Effect ☒ Allow ☐ Deny

Principal

Use a comma to separate multiple values.

AWS Service Amazon S3 ☐ All Services ('*')

Use multiple statements to add permissions for more than one service.

Actions 1 Action(s) Selected ☐ All Actions ('*')

Amazon Resource Name (ARN) {BucketName}/{KeyName}

- ☐ GetMultiRegionAccessPointPolicy
- ☐ GetMultiRegionAccessPointPolicyStatus
- ☐ GetMultiRegionAccessPointRoutes
- ☒ GetObject
- ☐ GetObjectAcl
- ☐ GetObjectAttributes

9. The following policy must be copied and pasted in the bucket policy.

awspolicygen.s3.amazonaws.com/policygen.html

ARN should follow the following format: `arn:aws:s3:::{bucketName}/{keyName}`.
Use a comma to separate multiple values.

You added to

Principal *

Step 3: Review Policy

A policy is a

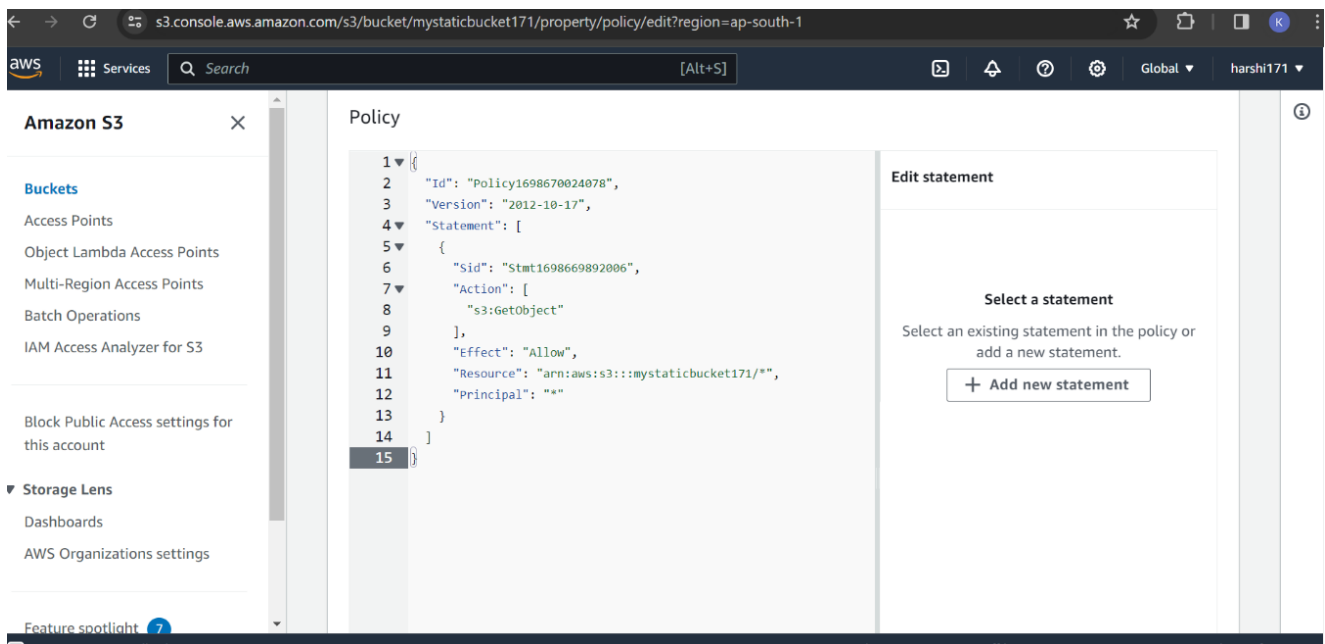
This AWS Policy Generator is provided for informational purposes only, you are still responsible for your use of Amazon Web Services technologies and ensuring that your use is in compliance with all applicable terms and conditions. This AWS Policy Generator is provided as is without warranty of any kind, whether your use is in this AWS Policy

Close

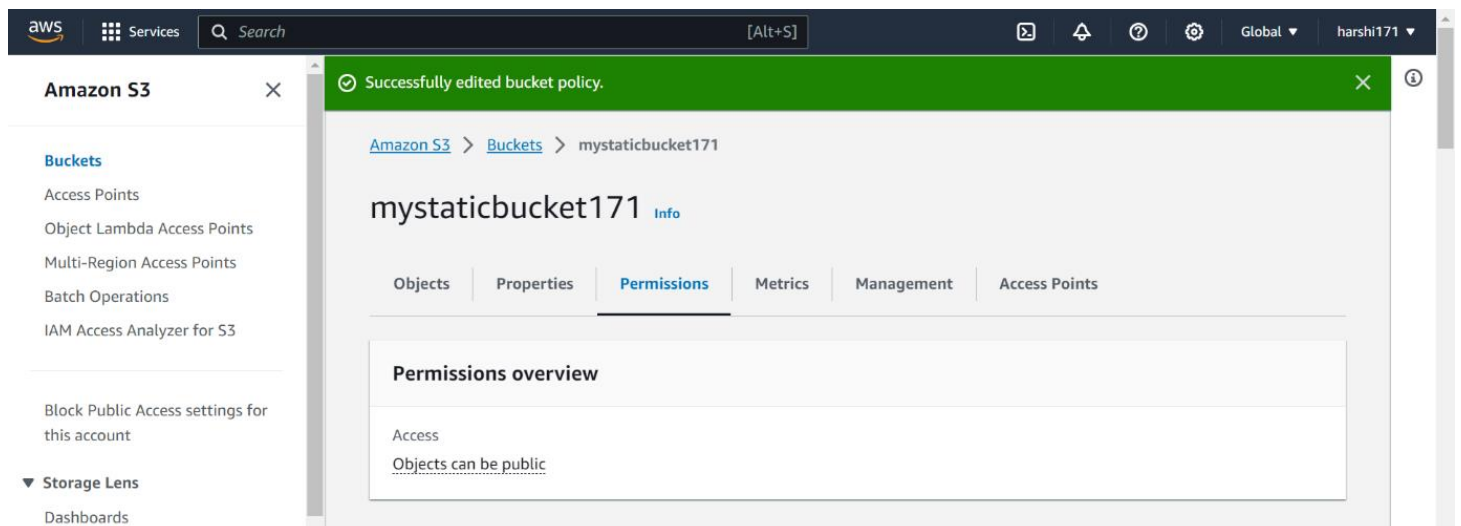
An Amazon Web Services Company

```
{
  "Id": "Policy1698669894617",
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "Stmnt1698669892006",
      "Action": [
        "s3:GetObject"
      ],
      "Effect": "Allow",
      "Resource": "arn:aws:s3:::mystaticbucket171",
      "Principal": "*"
    }
  ]
}
```

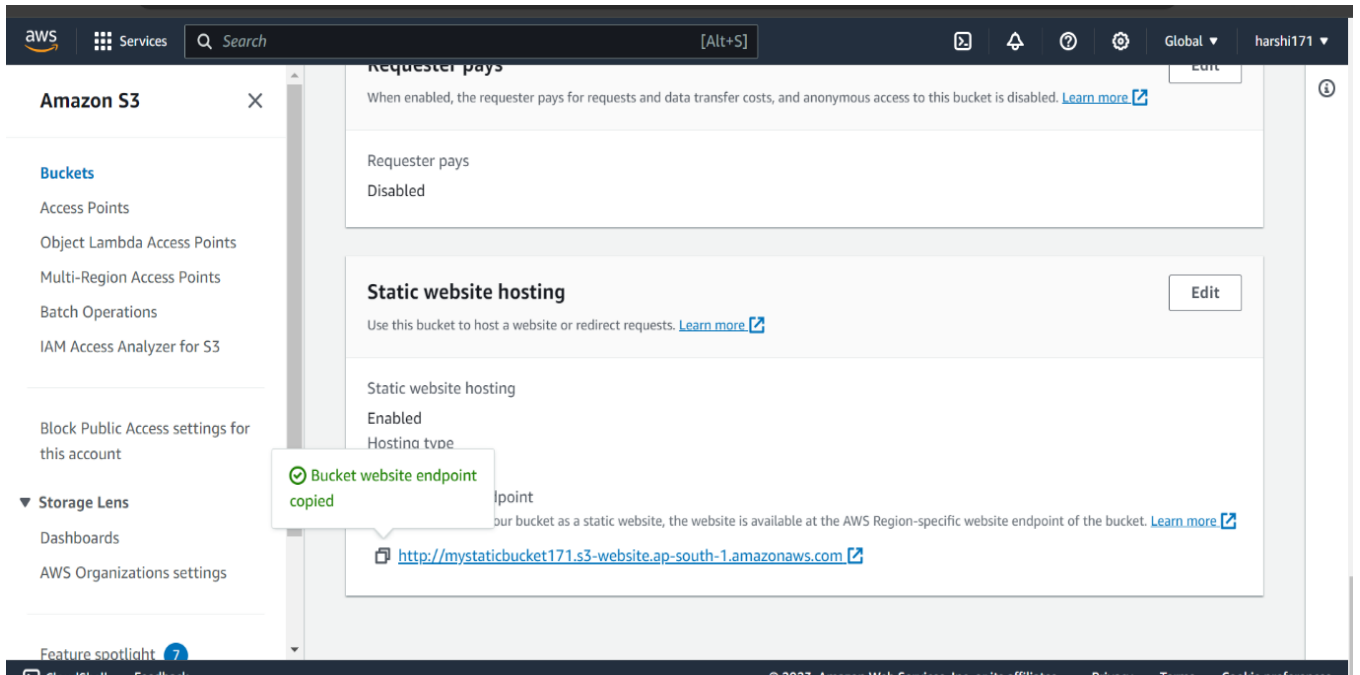
10. Place /* at the end in resource of this policy and click on save changes.



11. The bucket policy is successfully edited.



12. Now copy the url generated at static website hosting and paste it in browser and view the college admission form.



The output is as follows: **static website of college admission form**

The image displays a web browser window with the address bar showing 'mystaticbucket171.s3-website.ap-south-1.amazonaws.com'. The browser tabs include 'Upload objects - S3 bucket', 'mystaticbucket171 - S3 bucket', 'AWS Policy Generator', and 'College Admission Form'. The webpage has a pink background and is titled 'VJIT College Admission Form'. Below the title, it says 'Fill in this form to register'. The form contains the following fields: 'First Name' (text input), 'Last Name' (text input), 'E-mail' (text input), 'Date of Birth' (calendar icon), 'Set Username' (text input), 'Set Password' (text input), 'Gender' (radio buttons for Male, Female, Others), and 'Course' (dropdown menu). A 'Register' button is located at the bottom of the form.

