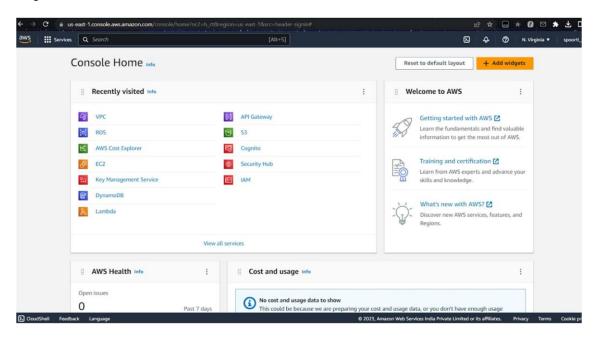
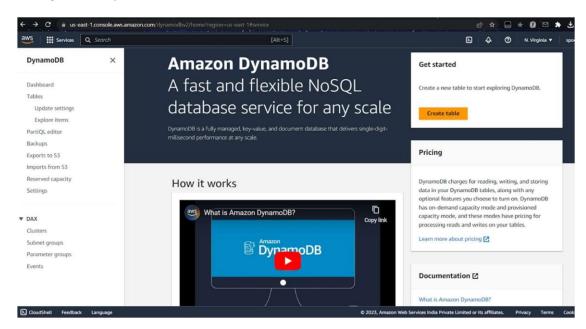
Snapshots

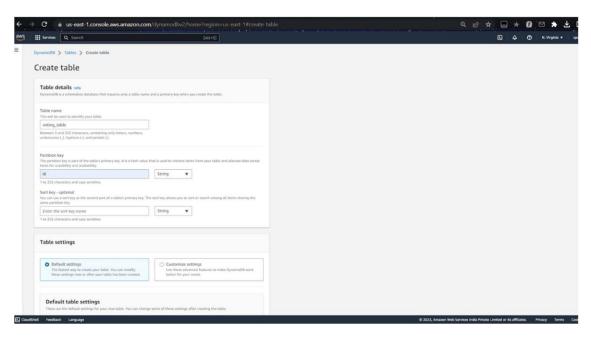
a) Open AWS console.

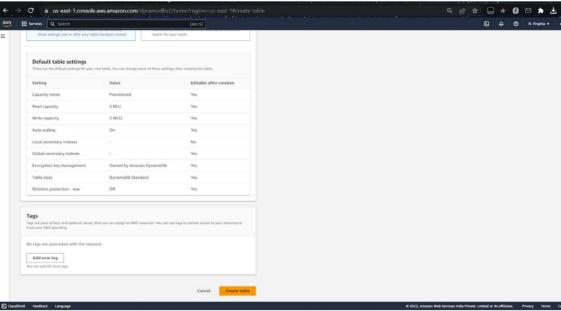


b) Navigate to DynamoDB and click on 'Create table'.

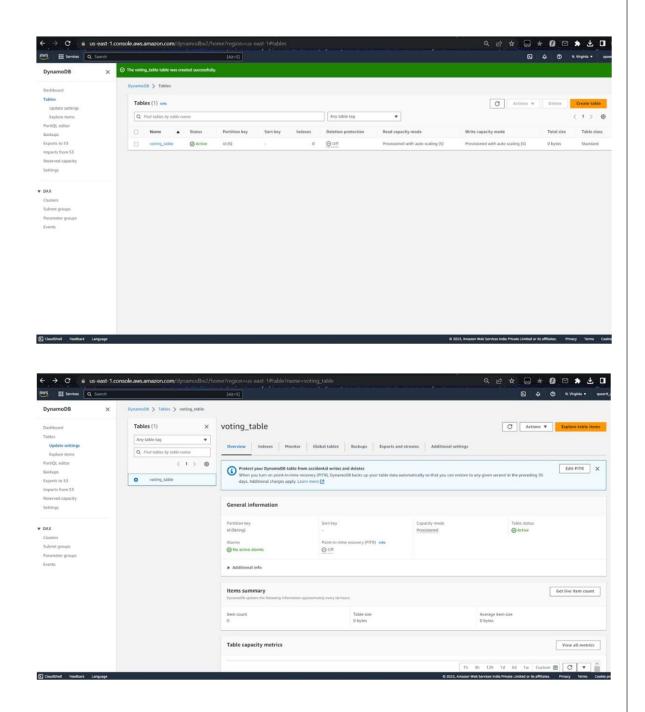


c) Set table name as 'voting table' and Partition key (primary key) as 'id'. Leave the other configurations as default.

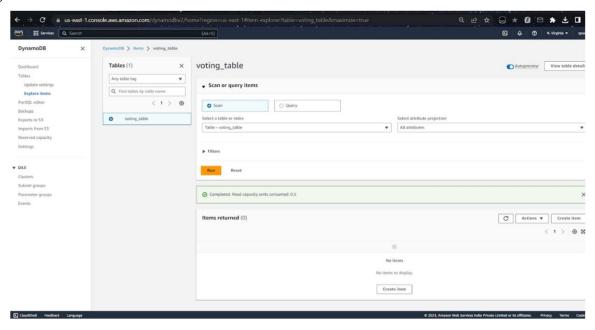




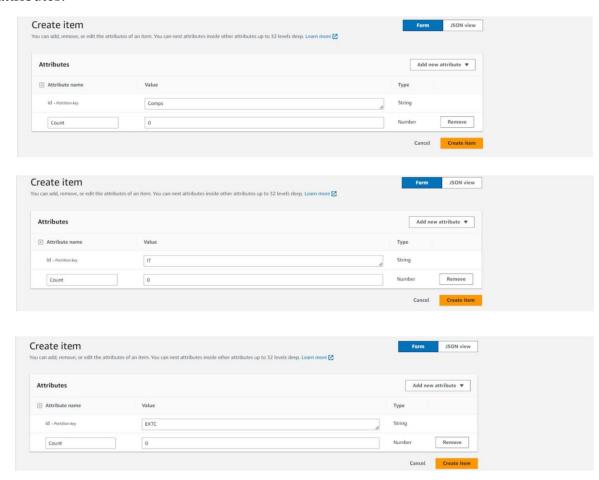
d) Table has been created. Click on the newly created table and then go to 'Explore Table items'.



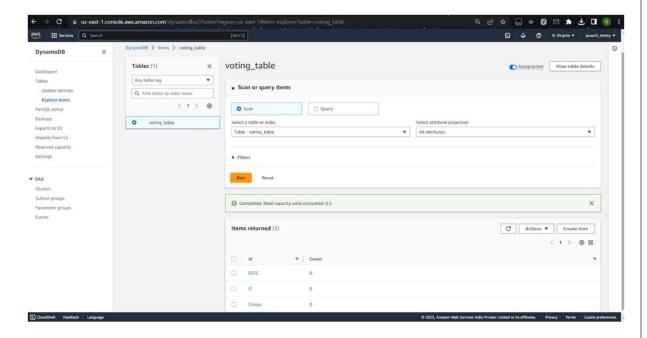
e) Scroll down and click on 'Create item'.



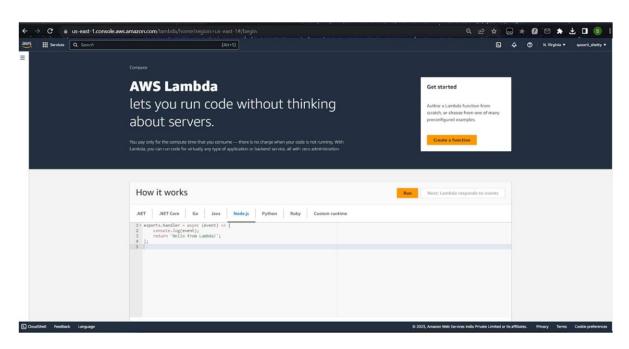
f) Create 3 items (Comps, IT, EXTC) each having 'id' and 'Count' as attributes.



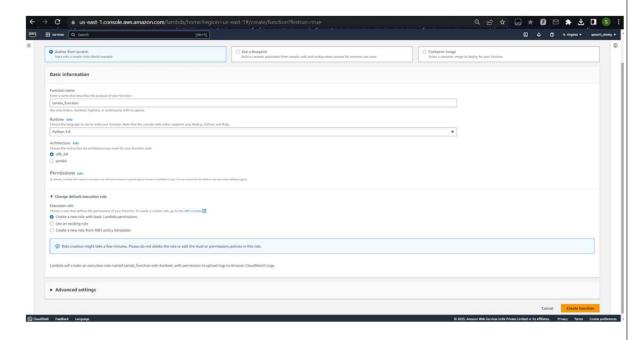
g) DynamoDB table is ready.



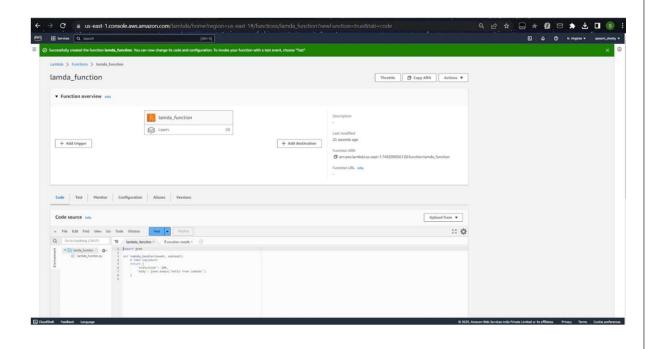
h) Navigate to AWS Lambda and click on 'Create a function'.

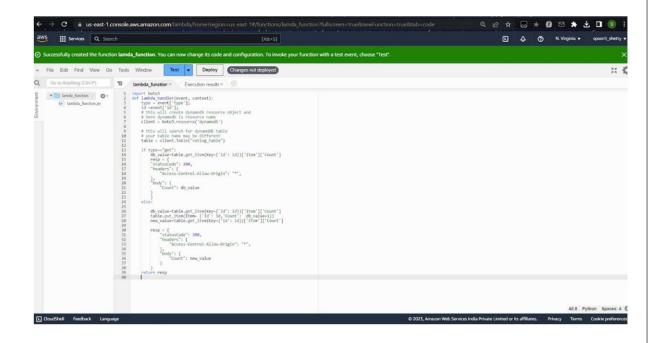


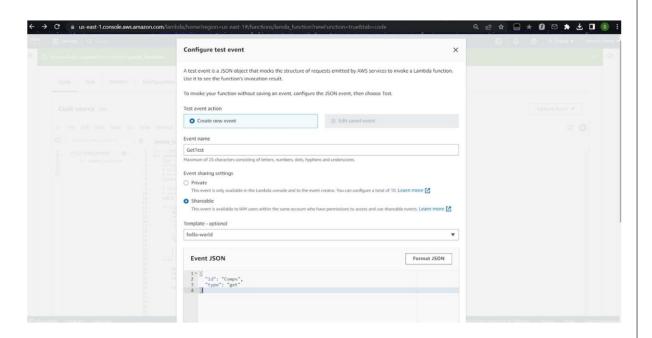
i) Let the function name be 'lamda_function', language for writing the function should be Python 3.8. Select 'Author from scratch'. Execution role should be 'Create a new role with basic Lambda permissions'.

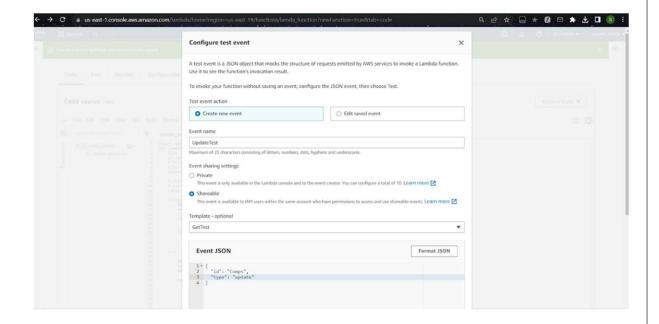


j) 'lamda_function has been created. Now, scroll down and write the code for our new Lambda function and then configure test events.

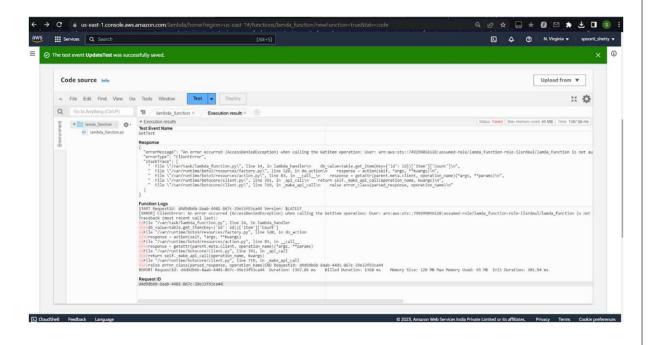


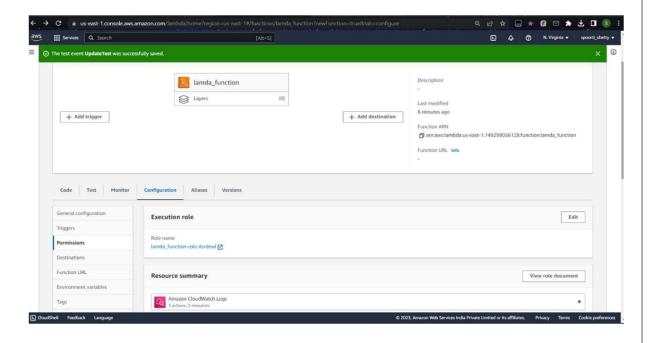


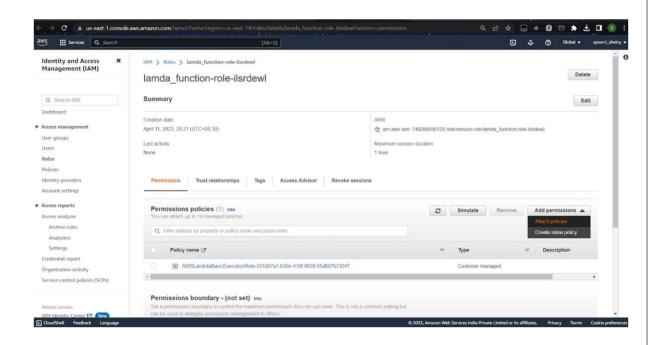


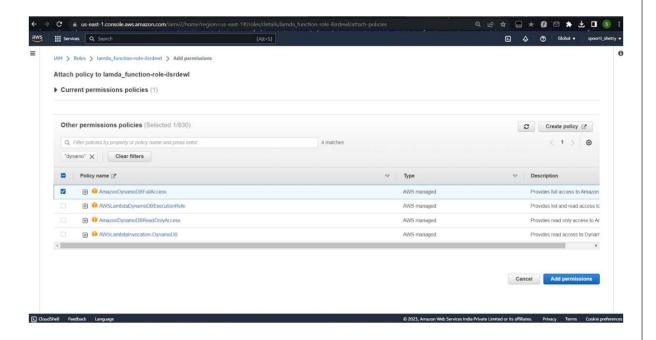


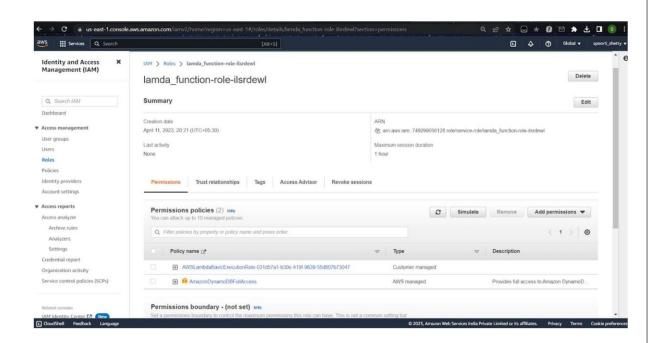
k) When we deploy and run the test events, we get an error. This is because the lambda function role does not have enough permissions to access the DynamoDB database. Hence, we need to update the role to give full access of DynamoDB to Lambda function from IAM and re-run the test events.



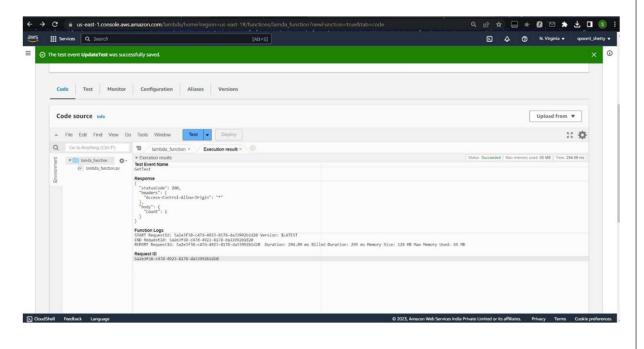


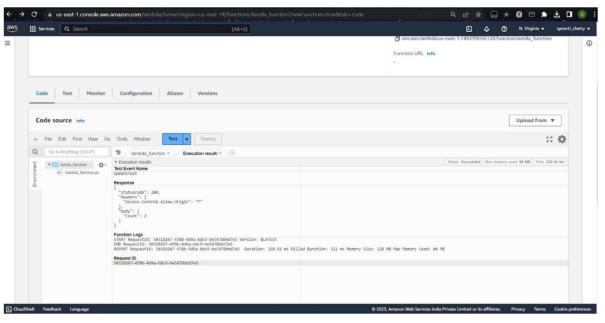


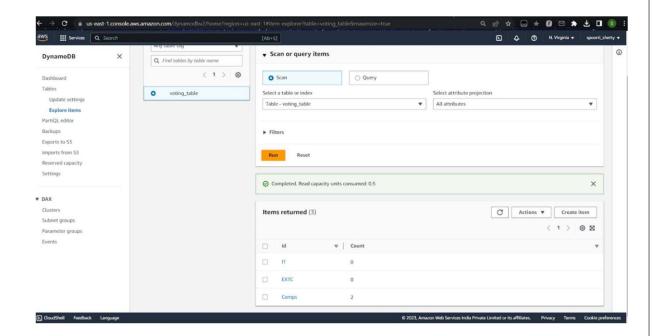




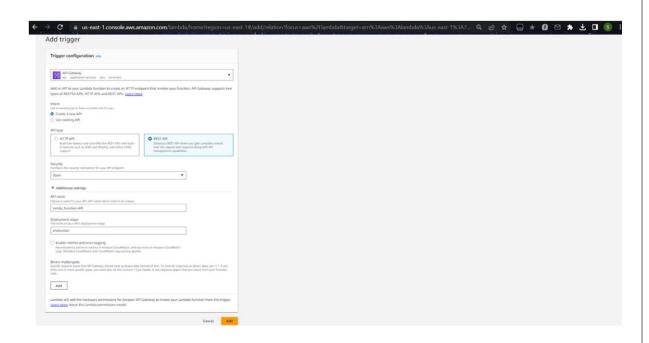
1) The tests now run successfully without any errors and also the database is getting updated as required.

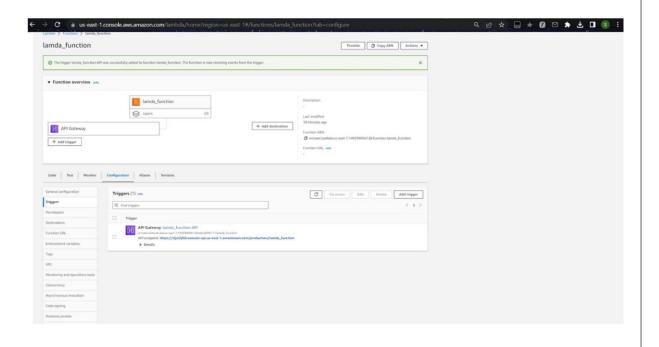


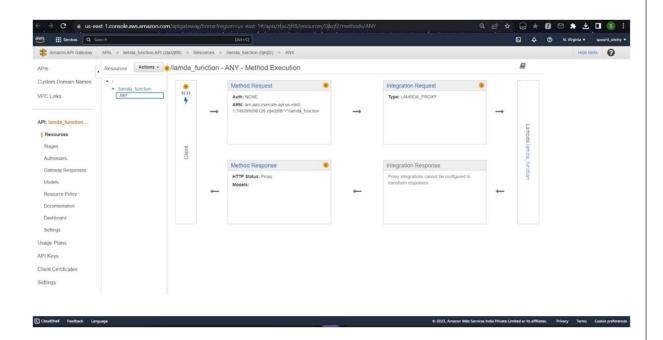




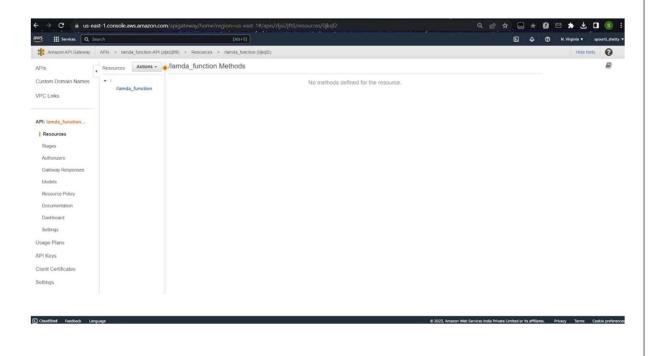
m) Add a trigger for API gateway and access it.

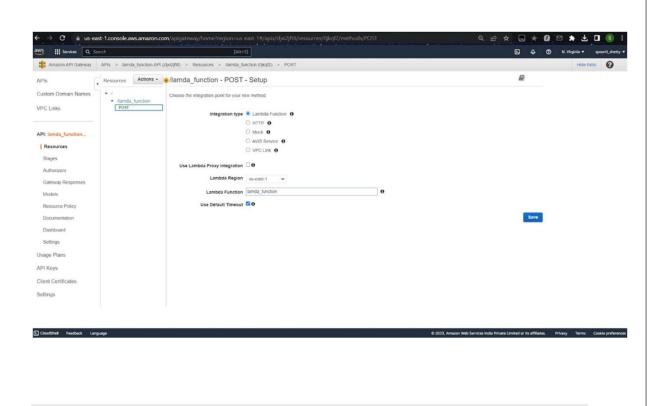


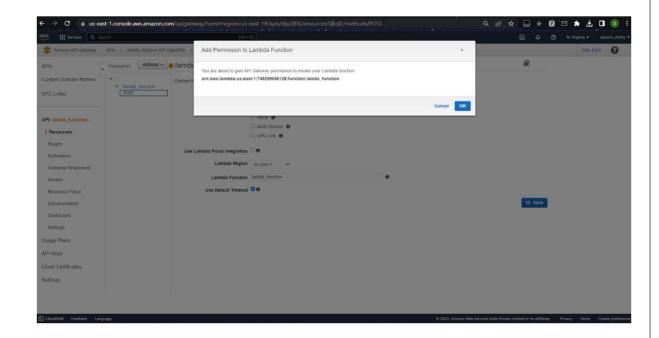




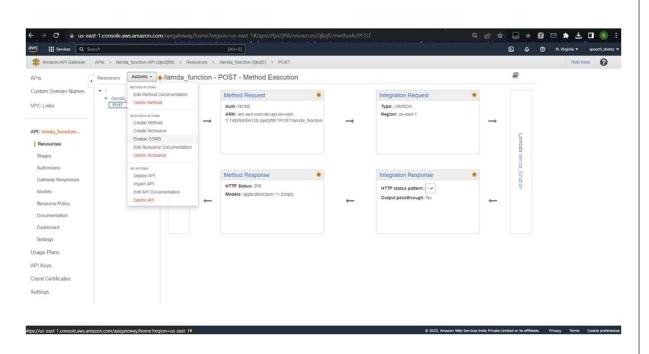
n) Delete the ANY method and create a new POST method.

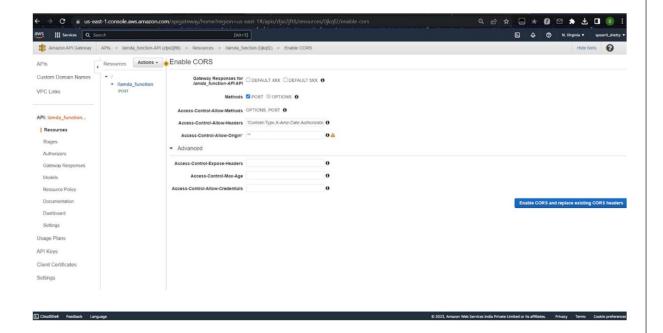


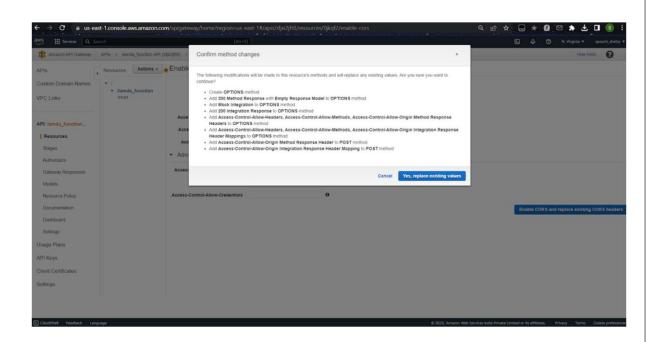


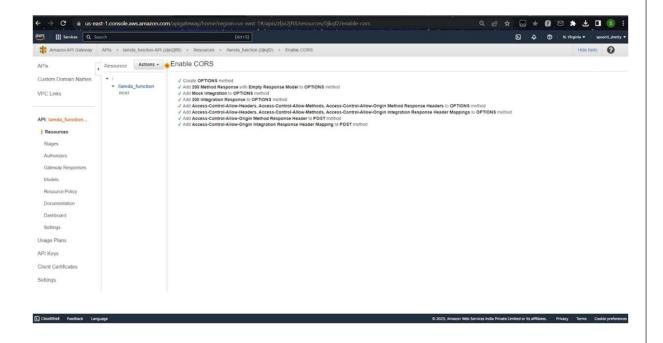


o) Enable CORS.

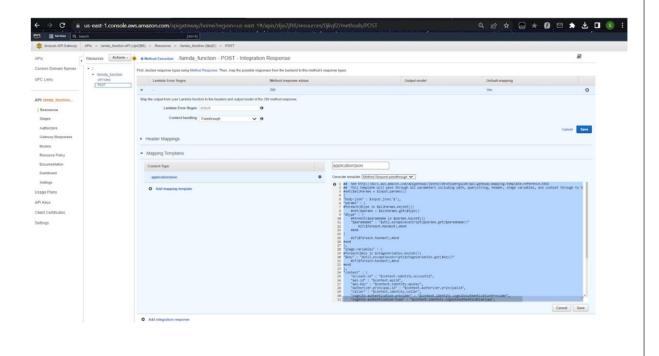


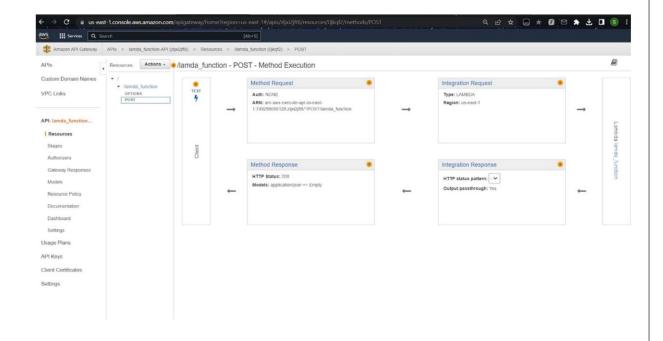




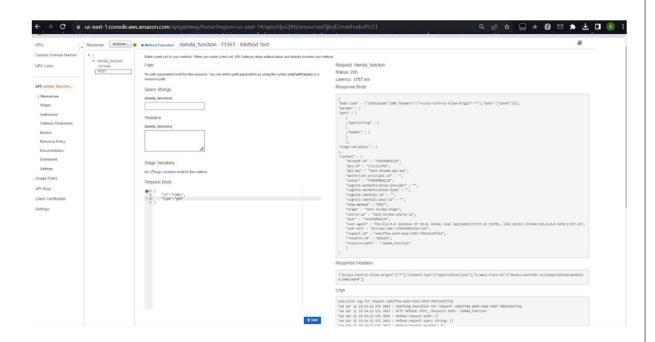


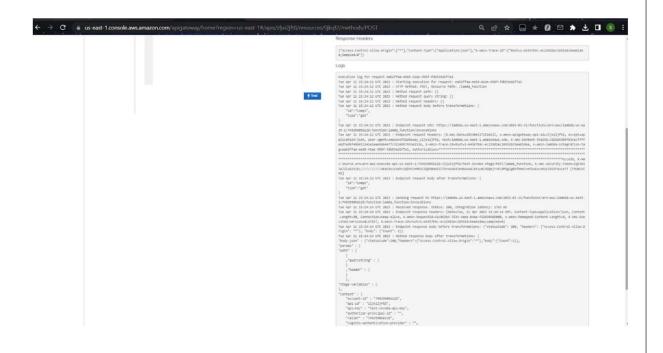
p) Add mapping templates in Integration Response of POST method with content type as 'application/json'.

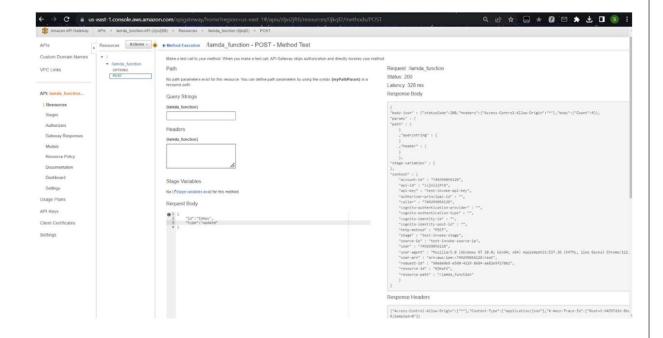




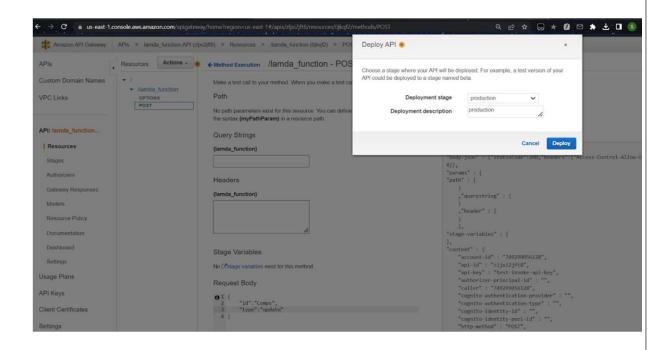
q) Test the POST method. It gives the required output.

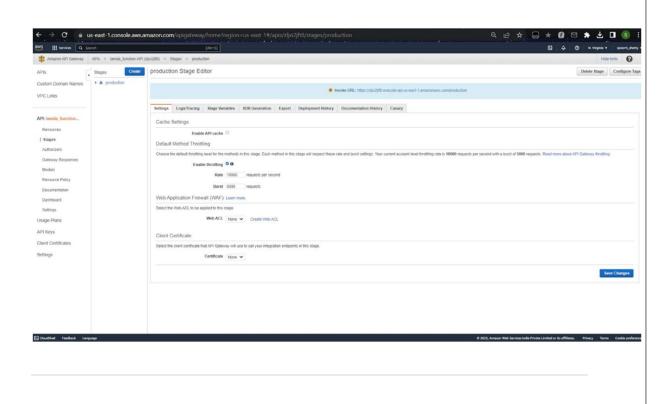


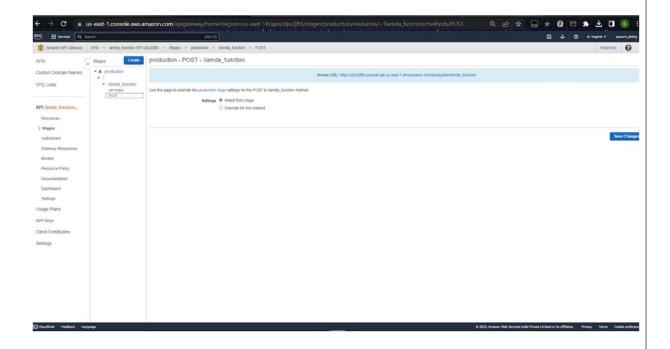




r) Deploy the API. Make sure to copy the 'Invoke url' and paste it into the HTML code to link it to the website.



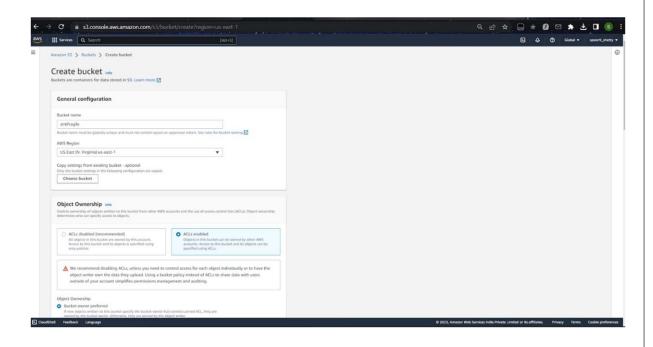


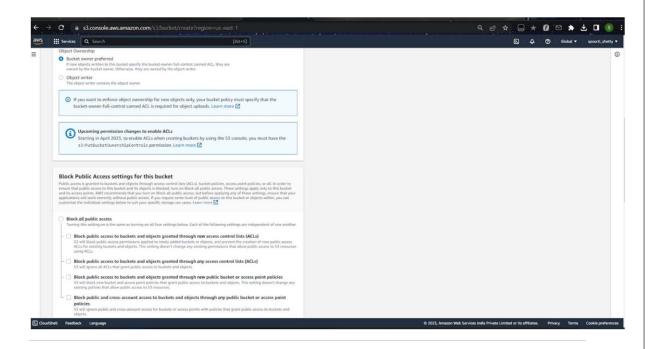


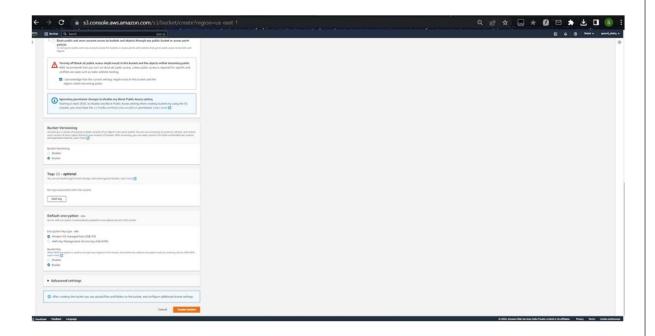
s) Navigate to Amazon S3 and click on 'Create bucket'.



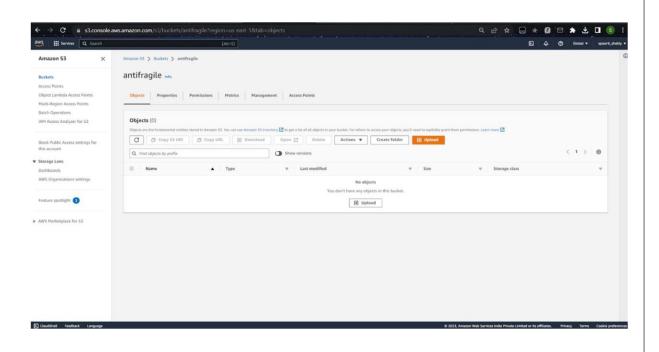
- t) Set a bucket name along with the following configurations:
 - ACLs enabled
 - Uncheck 'Block all public access'
 - Enable bucket versioning

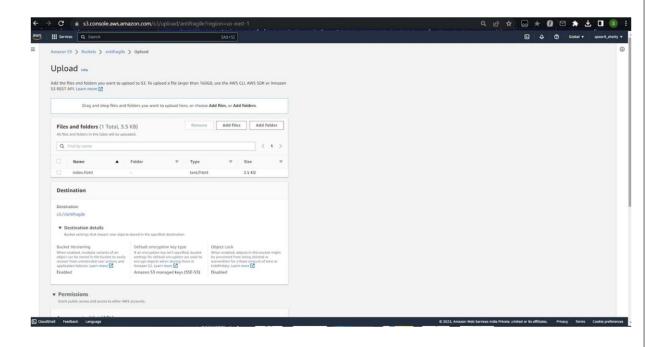


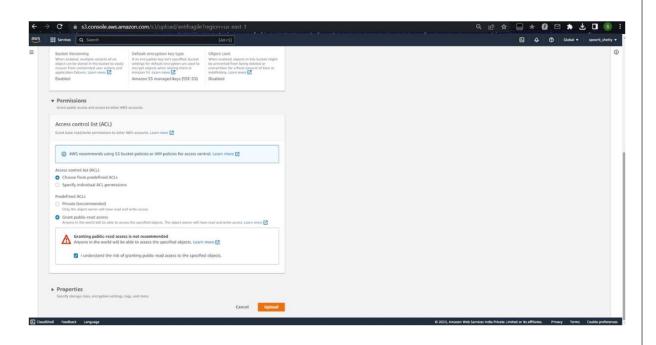




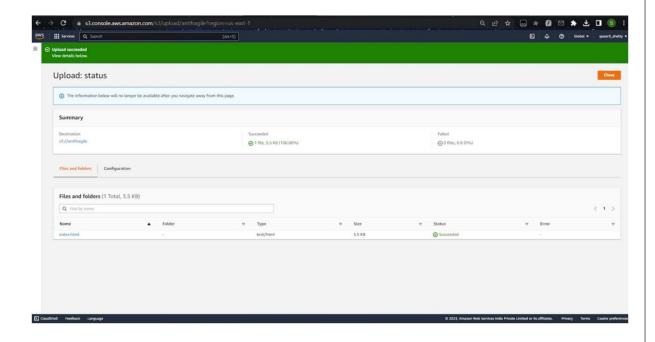
u) Click on the newly created bucket and upload the HTML file. Make sure to grant public access.



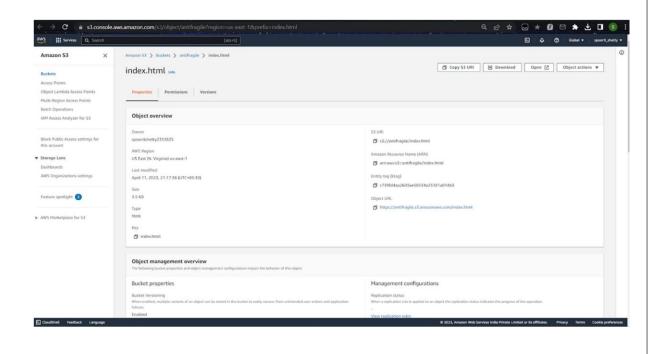




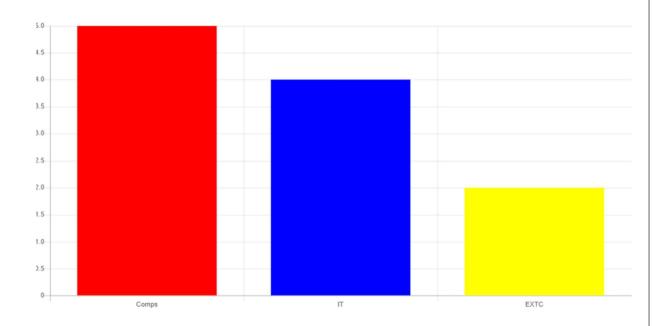
v) The file has been uploaded successfully. Now, click on the file.



w) Click on the 'Object URL' to view the website.



x) The website is live and available for public access.



Comps		
5		Support
	IT	
4		Support
	EXTC	
2		Support
	Refresh	

