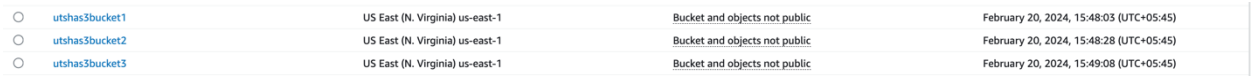
Created 3 buckets



○	utshas3bucket1	US East (N. Virginia) us-east-1	Bucket and objects not public	February 20, 2024, 15:48:03 (UTC+05:45)
○	utshas3bucket2	US East (N. Virginia) us-east-1	Bucket and objects not public	February 20, 2024, 15:48:28 (UTC+05:45)
○	utshas3bucket3	US East (N. Virginia) us-east-1	Bucket and objects not public	February 20, 2024, 15:49:08 (UTC+05:45)

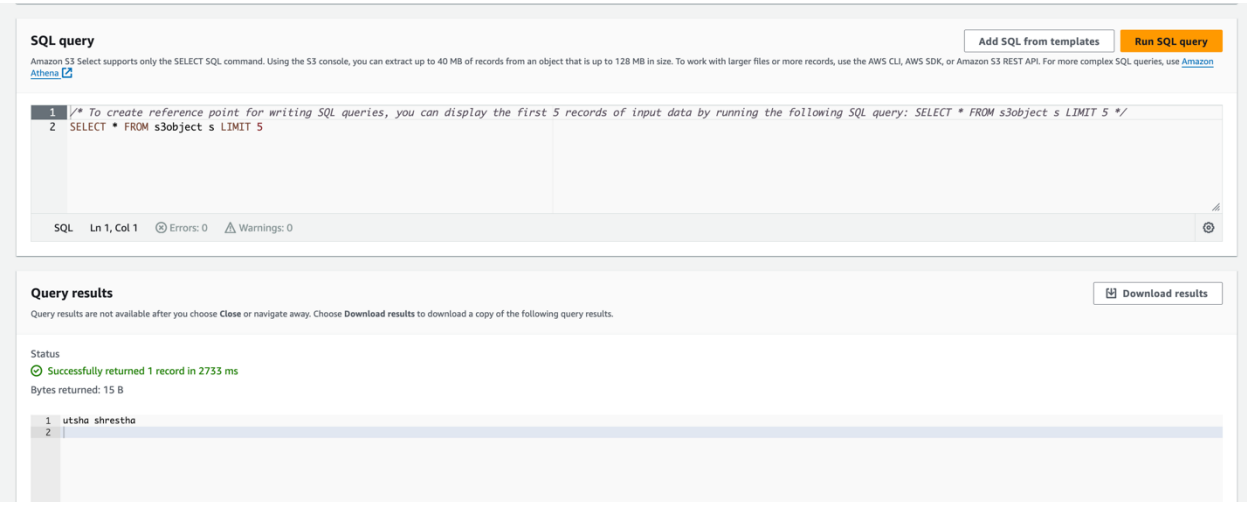
Created lambda function and implemented the operation for copying content and adding to new s3 bucket and changing the content to upper case and saving the content to next S3 bucket.

lambda_function × Environment Var ×

```python

import json
import boto3

s3 = boto3.client('s3')
# s3_resource = boto3.resource('s3')

def lambda_handler(event, context):
    # Get the bucket names from the event
    source_bucket = event['Records'][0]['s3']['bucket']['name']
    key = event['Records'][0]['s3']['object']['key']

    # Download the file from the source bucket
    response = s3.get_object(Bucket=source_bucket, Key=key)
    content = response['Body'].read().decode('utf-8')

    # Upload the file to the second bucket
    destination_bucket = "utshas3bucket2"
    s3.put_object(Body=content, Bucket=destination_bucket, Key=key)

    # Convert content to uppercase
    uppercase_content = content.upper()

    # Upload the uppercase content to the third bucket
    uppercase_bucket = "utshas3bucket3"
    s3.put_object(Body=uppercase_content, Bucket=uppercase_bucket, Key=key)

    # Download the file from the third bucket
    # local_file_path = f"/tmp/{key}"  # Temporary directory in Lambda
    # s3_resource.meta.client.download_file(uppercase_bucket, key, local_file_path)
    print('key', key)
    local_file_path='/tmp/utsha.txt'
    s3.download_file(uppercase_bucket,key,local_file_path )
    # s3_resource.meta.client.download_file(uppercase_bucket, key, r'/Users/utsha_mac/Downloads')

    # Return a response
    return {
        'statusCode': 200,
        'body': json.dumps('File replicated, content converted to uppercase, and downloaded successfully!')
    }


```

Content of bucket 1

Content of bucket 2



Content of bucket 3