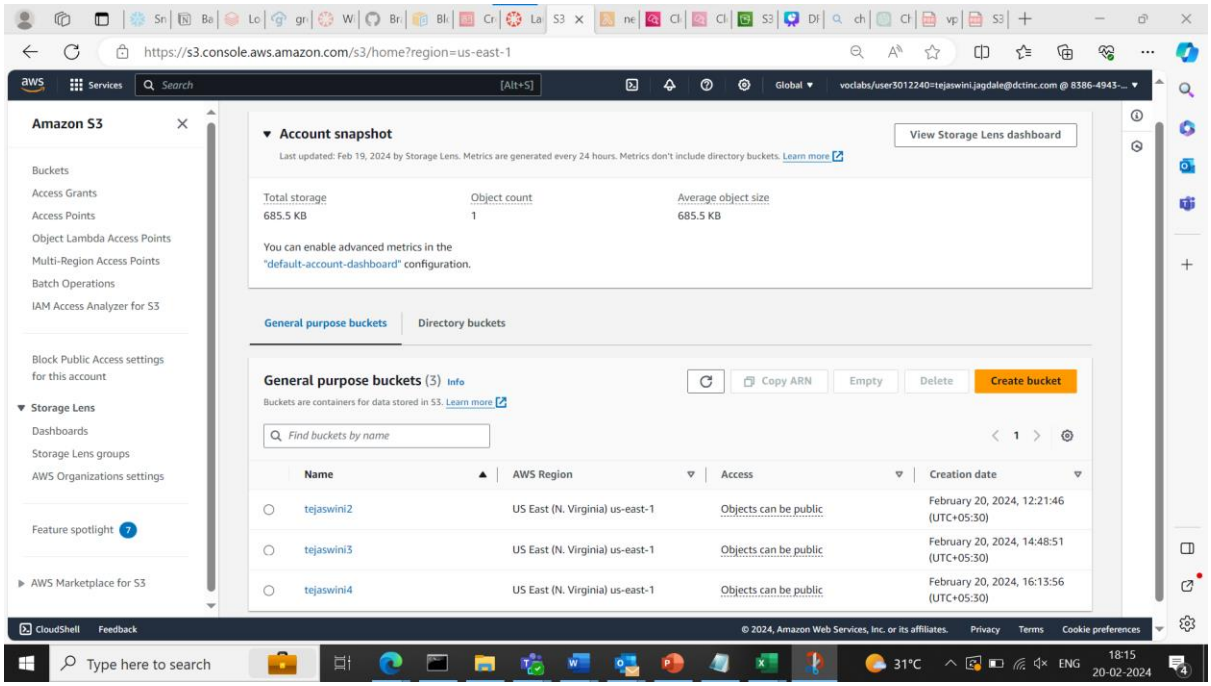
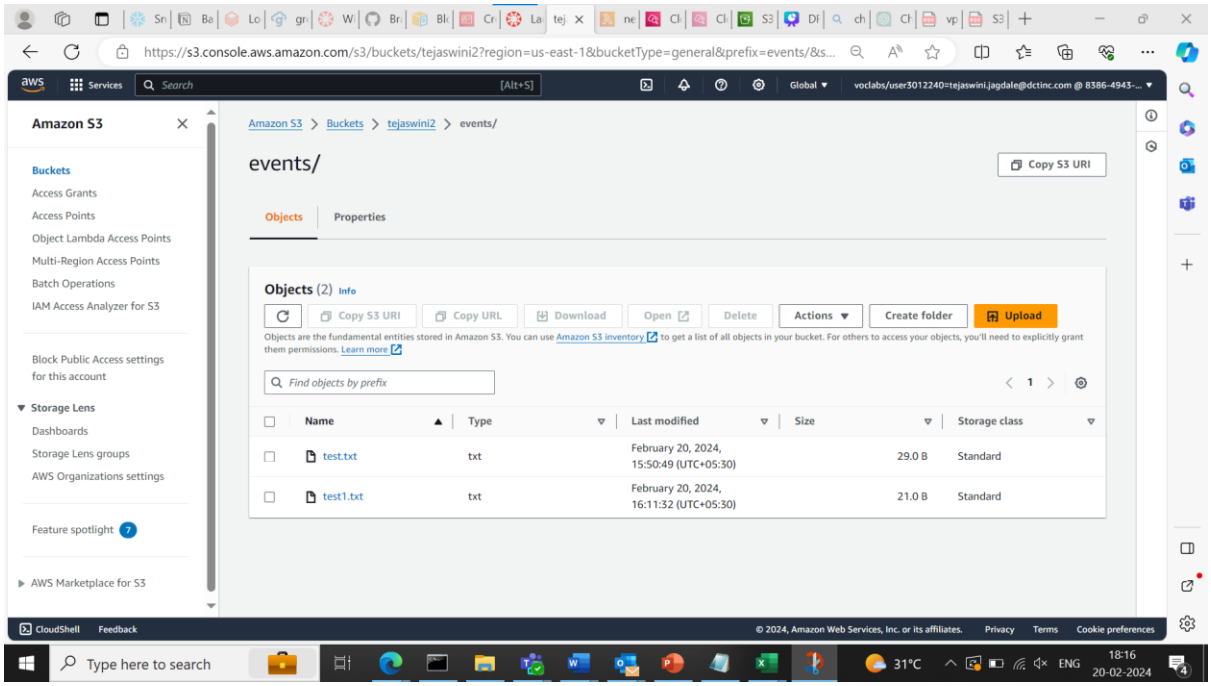
Creation of Buckets:

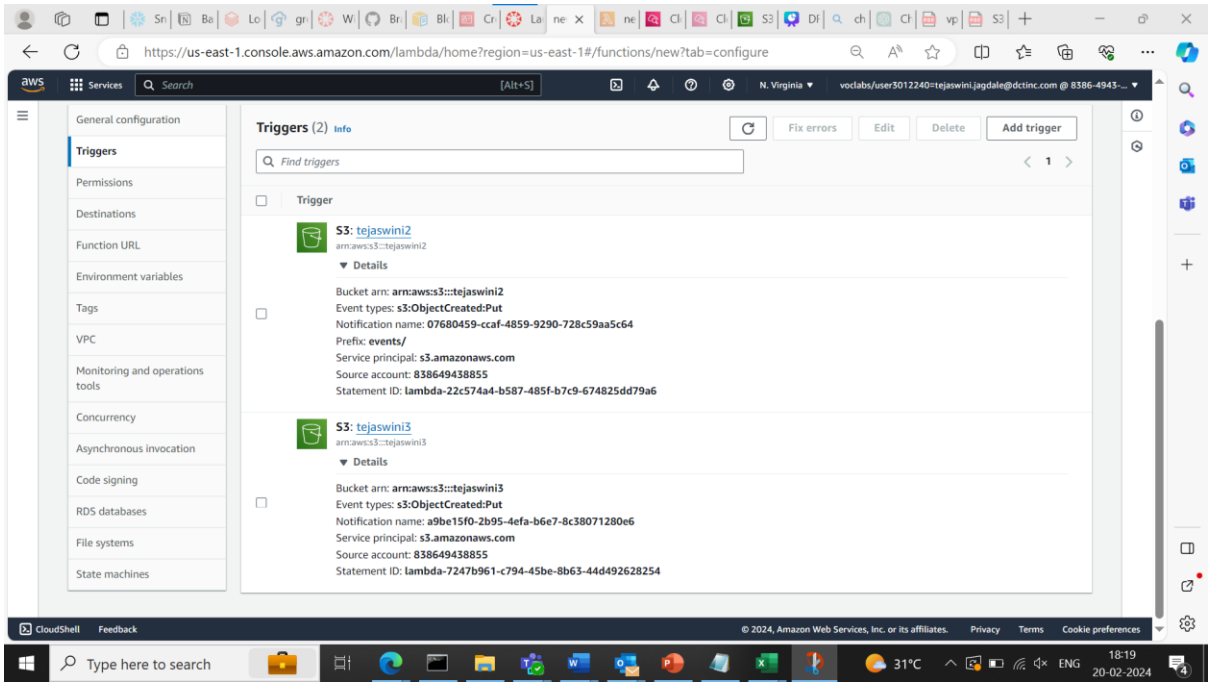


Task 1:

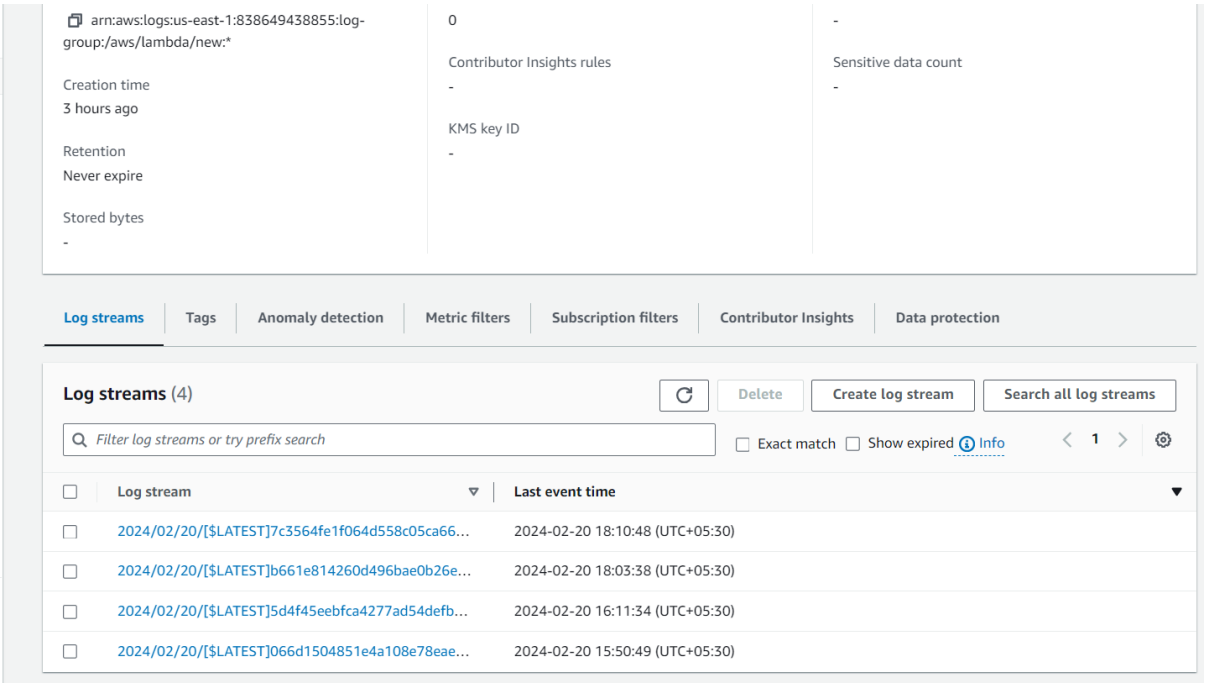
Updation of files :



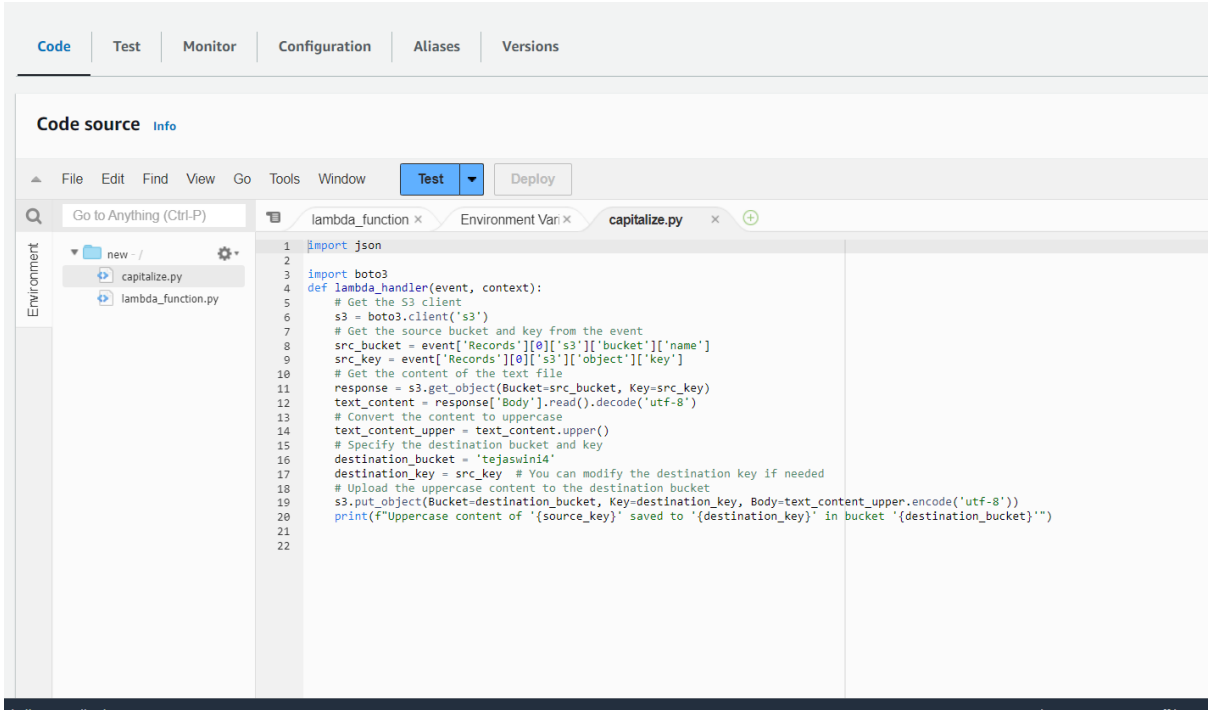
Addition of triggers to the function of lambda:



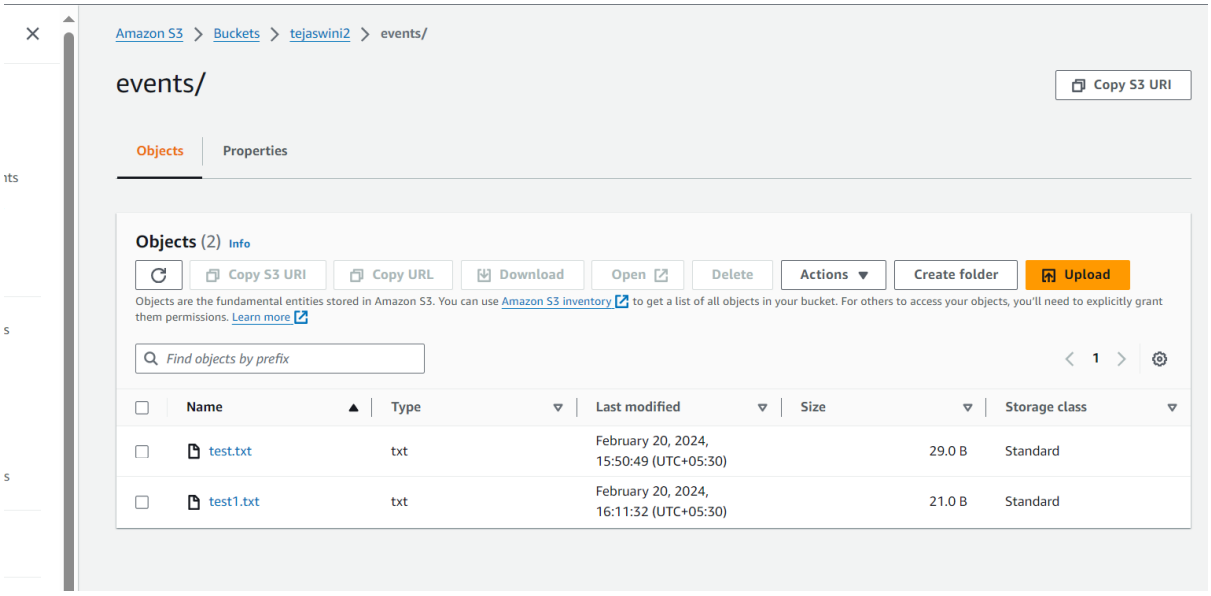
Viewing cloudwatch logs of updated files:



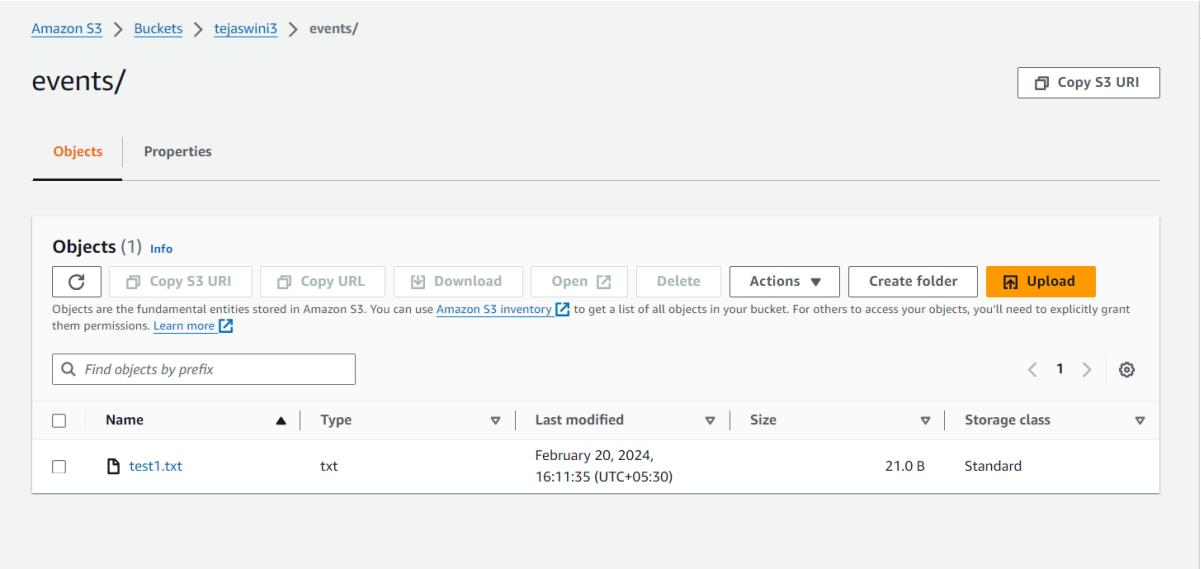
Replication of file from one bucket to another:



Files in bucket one:



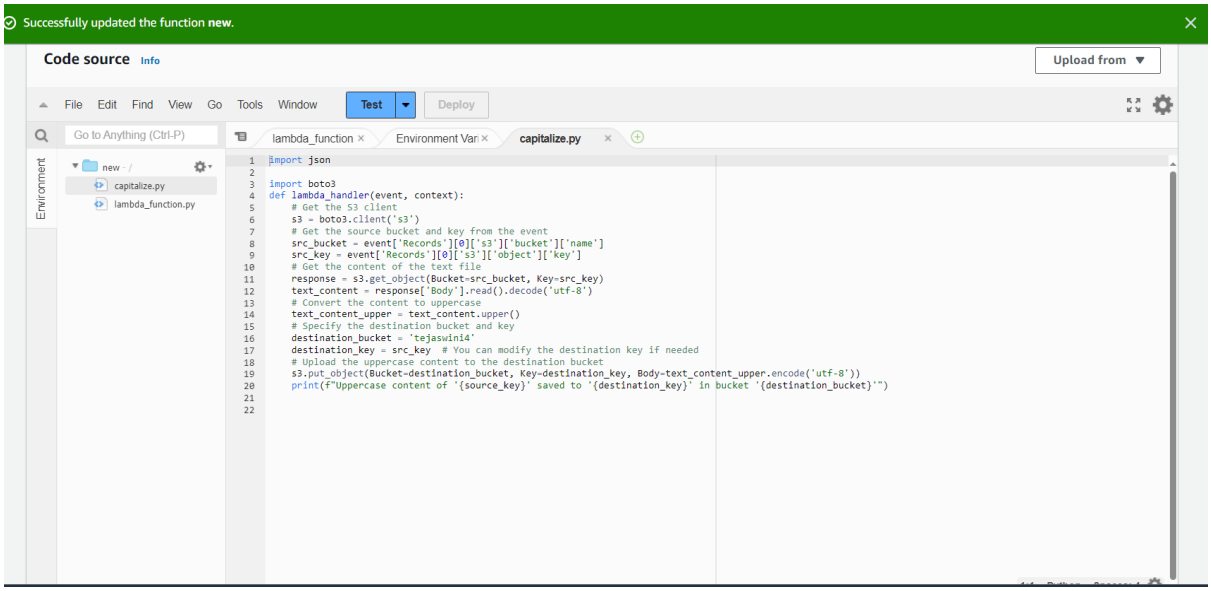
Replicated file:

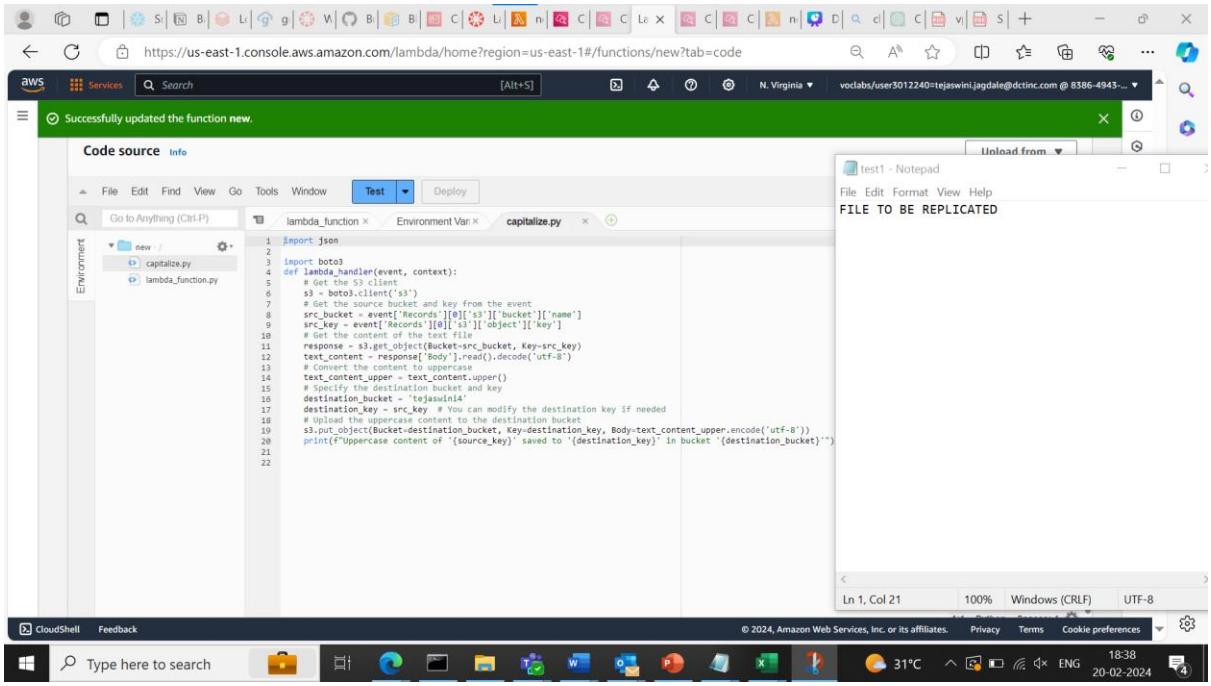



```
2024-02-20T16:11:34.530+05:30    File 'events/test1.txt' replicated successfully to 'tejaswini3'
2024-02-20T16:11:34.546+05:30    END RequestId: 18fd37e1-e96f-4d98-9f66-904936d532c6
2024-02-20T16:11:34.546+05:30    REPORT RequestId: 18fd37e1-e96f-4d98-9f66-904936d532c6 Duration: 614.80 ms Billed Duration: 615 ms Memory Size: 128 MB Max Memor
```

Task 2:

Capitalize content of file:




https://us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/new?tab=code
Successfully updated the function new.
Code source Info
File Edit Find View Go Tools Window
Test
Deploy
lambda_function
Environment Var
capitalize.py
new
capitalize.py
lambda_function.py
import json
import boto3
def lambda_handler(event, context):
# Get the S3 client
s3 = boto3.client('s3')
# Get the source bucket and key from the event
src_bucket = event['Records'][0]['s3']['bucket']['name']
src_key = event['Records'][0]['s3']['object']['key']
# Get the content of the text file
response = s3.get_object(Bucket=src_bucket, Key=src_key)
text_content = response['Body'].read().decode('utf-8')
# Convert the content to uppercase
text_content_upper = text_content.upper()
# Specify the destination bucket and key
destination_bucket = 'tejaswini4'
destination_key = src_key # You can modify the destination key if needed
# Upload the uppercase content to the destination bucket
s3.put_object(Bucket=destination_bucket, Key=destination_key, Body=text_content_upper.encode('utf-8'))
print(f"Uppercase content of '{source_key}' saved to '{destination_key}' in bucket '{destination_bucket}'")
test1 - Notepad
File Edit Format View Help
FILE TO BE REPLICATED
Ln 1, Col 21
100%
Windows (CRLF)
UTF-8
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
31°C
ENG
18:38
20-02-2024