Lab Assignment 9

AIM: To understand AWS Lambda functions and create a Lambda function using Python to log "An Image has been added" message, once a file is added to a S3 bucket.

LO6: To engineer a composition of nano services using AWS Lambda and Step Functions with the Serverless Framework.

THEORY:

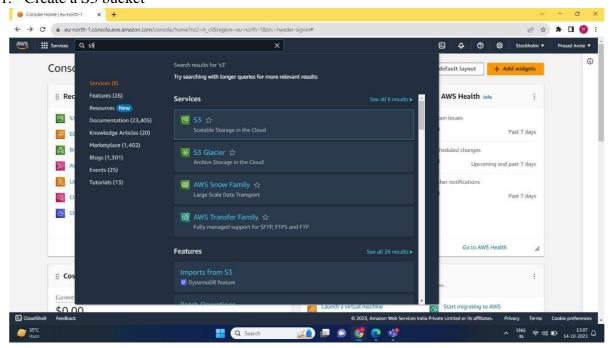
LAMBDA FUNCTION

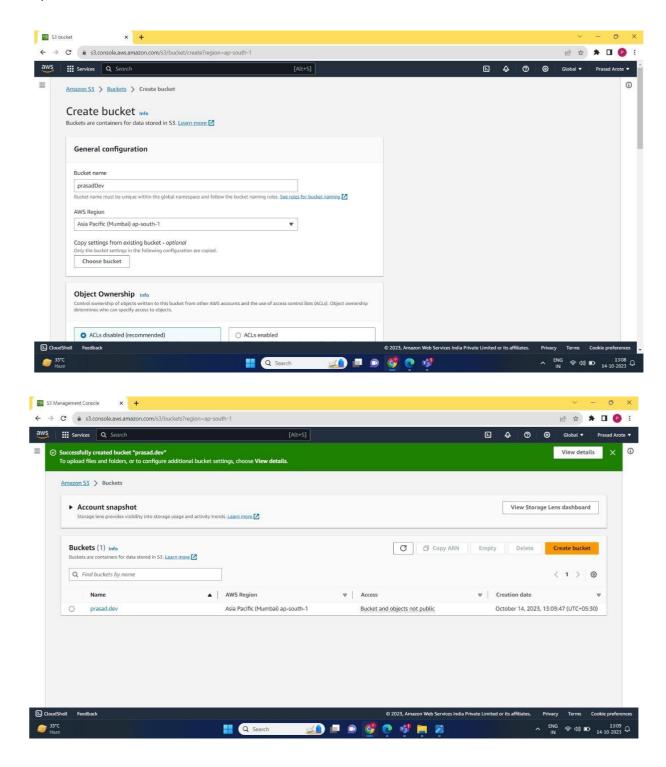
AWS Lambda is a serverless, event-driven compute service that lets you run code for virtually any type of application or backend service without provisioning or managing servers. You can trigger Lambda from over 200 AWS services and software as a service (SaaS) applications, and only pay for what you use.



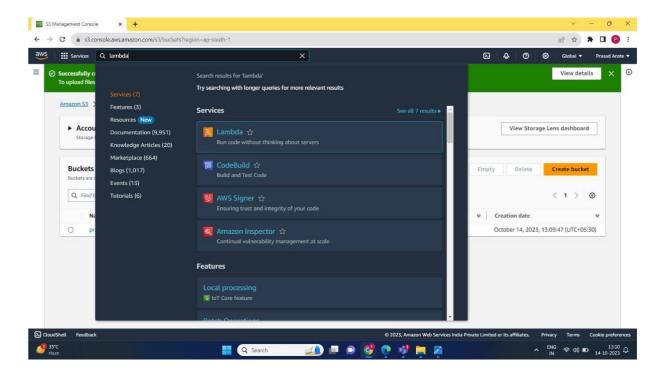
Installation:

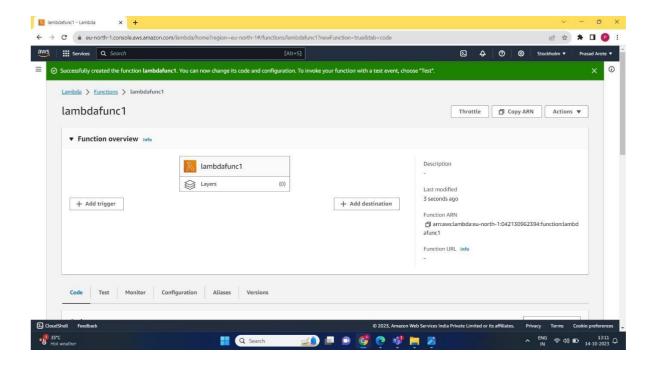
1. Create a S3 bucket

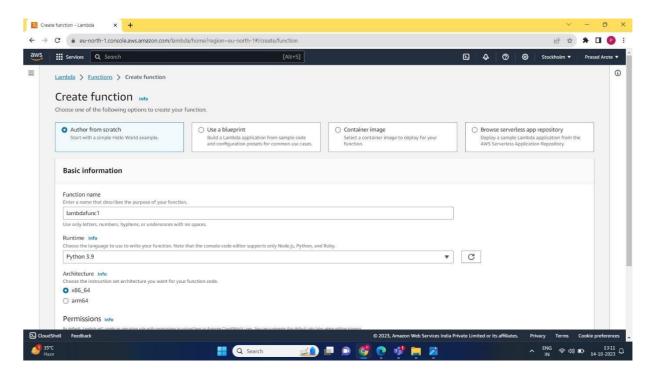




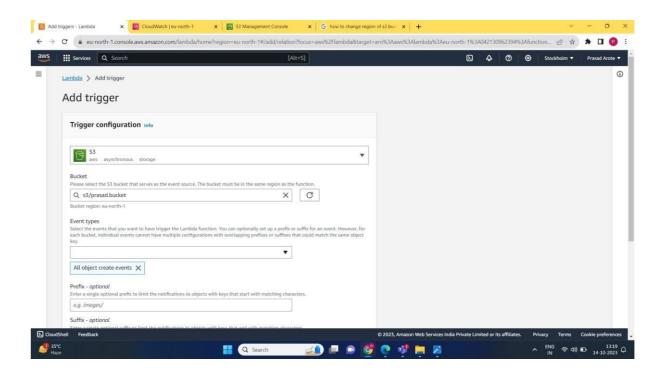
2. Create a Lambda function.

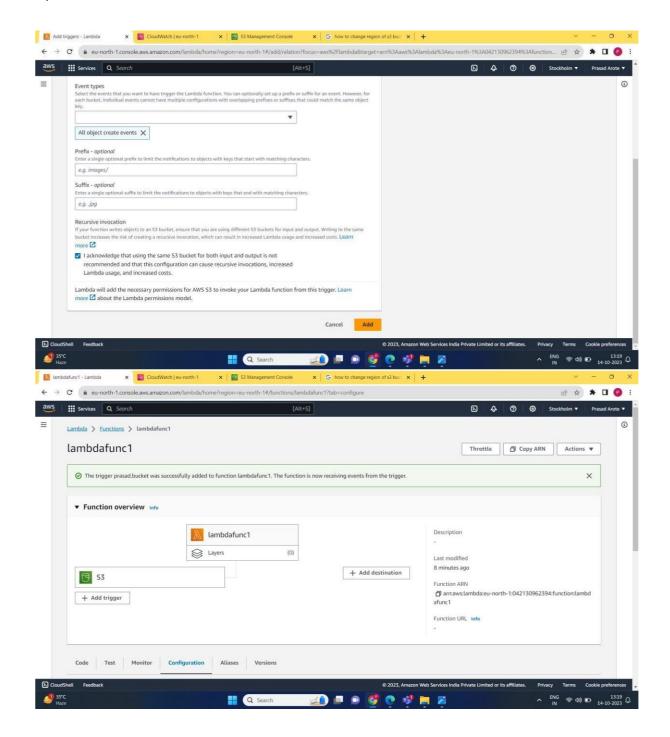


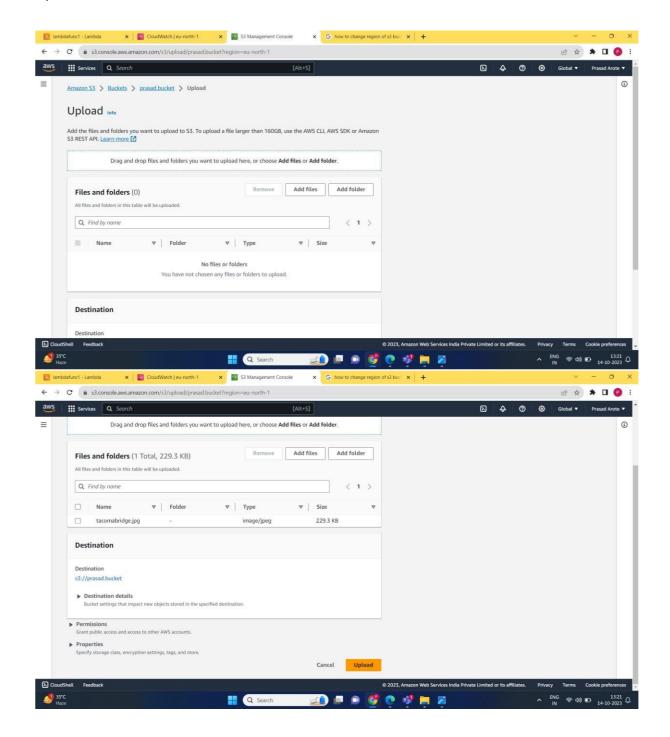


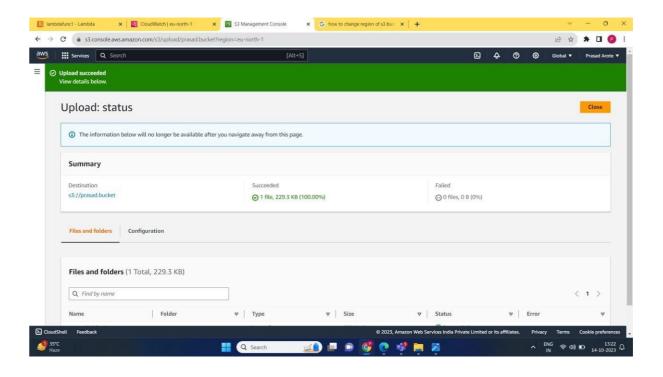


3. Create a trigger

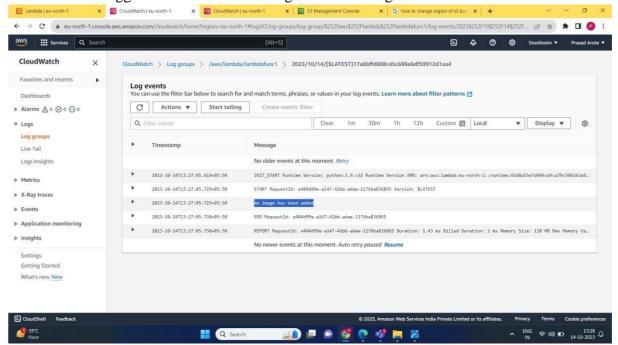








4. Thus we have triggered the function that logs when an image is added to S3 Bucket.



Conclusion: We have successfully created an lambda functions that logs when an image is added in S3 bucket.