



## A. P. SHAH INSTITUTE OF TECHNOLOGY

#### Department of Information Technology

(NBA Accredited)

Semester: V Academic Year: 2024-25

Class / Branch: TE IT

**Subject: Advanced Devops Lab (ADL)** 

Name of Instructor: Prof. Manjusha Kashilkar

Name of Student: Chirag Jayesh Malde

Student ID: 22104186

#### **EXPERIMENT NO. 11**

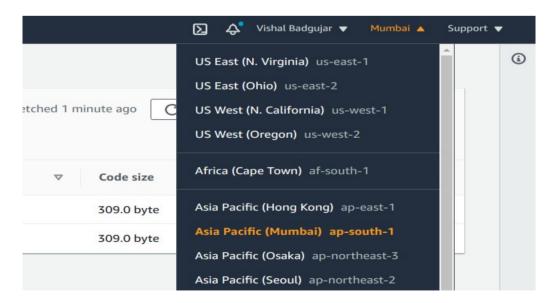
Aim: To understand AWS Lambda, its workflow, various functions and create your first Lambda functions using Python / Java / Nodejs.

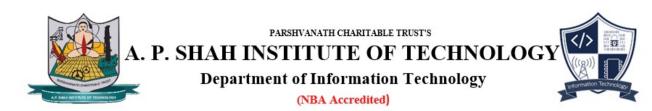
## **Steps: First Lambda functions using Python**

1. Open Aws Console and search for Lambda Service and open home screen of Lambda.

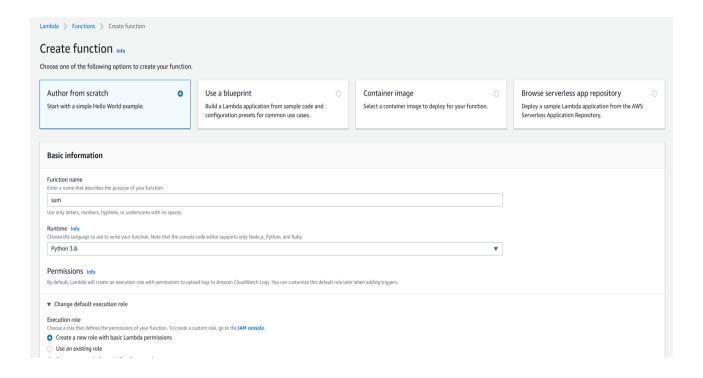


2. Choose region in which you need to create Lambda function as it is region specific.

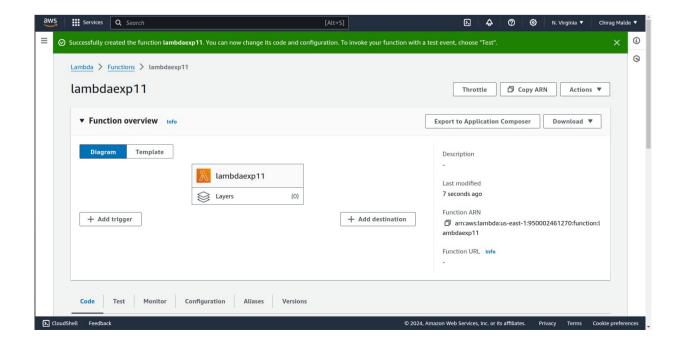




3. Create sum as a Lambda Function in Python Language so select latest version of Python and choose role with basic Lambda Permission to allow cloudwatch for monitoring.



4. Lambda sum function is created successfully

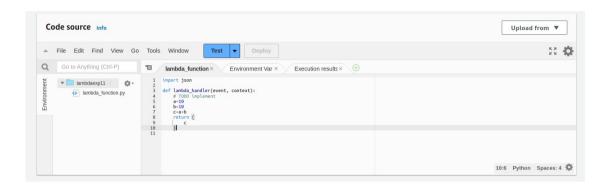




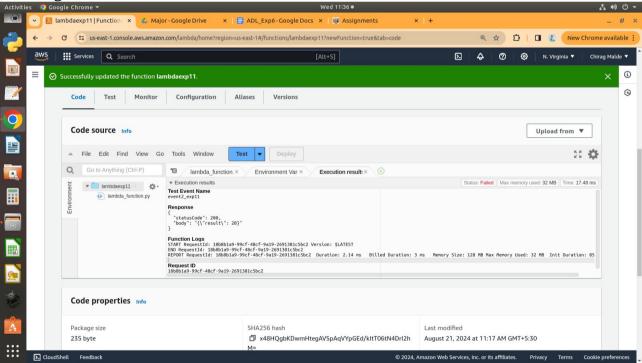
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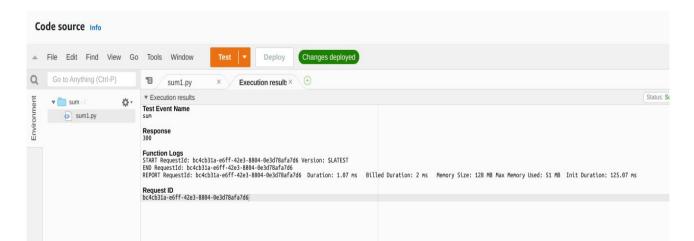
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5. Write a sample python code for sum of two numbers:



6. Configure Test Event in Json Format









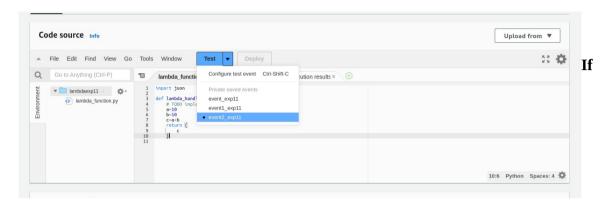
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#### Write a sample Second sample python Code:

Configure Test Event



#### condition met returns a value as apsit



**Conclusion:** The experiment highlighted the simplicity of deploying AWS Lambda functions using Python, showcasing efficient serverless execution and integration with AWS services. This approach eliminates the need for server management while enabling flexible and responsive code execution.