# Lab Assignment-6

ECSE373L: Cloud Infrastructure and Services

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#### Lab Activities:

**Task 0:** Create the IAM Role of Full DynamoDB and CloudWatch service using IAM service.

Task 1: Create Lambda function and provide the created role as in task 0.

**Task 2:** Write the code in the Lambda function as given in sample code.

**Task 3:** Go to DynamoDB database service of AWS and Create a table named as weather and key name as city.

Task 4: Create the items in the weather table or you can fill automatically.

#### **Example:**

City	Temp
Delhi	18
Mumbai	25
London	5
Italy	3

**Task 5:** Create an Amazon API Gateway by selecting REST Architecture. API name you can choose as per your choice. (Endpoint type should be regional)

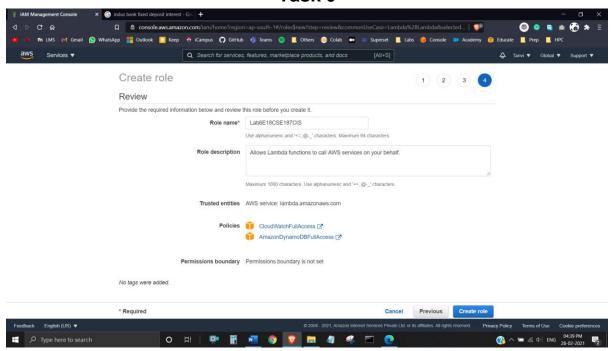
**Task 6:** Then Create API resource (any relevant name you can give)

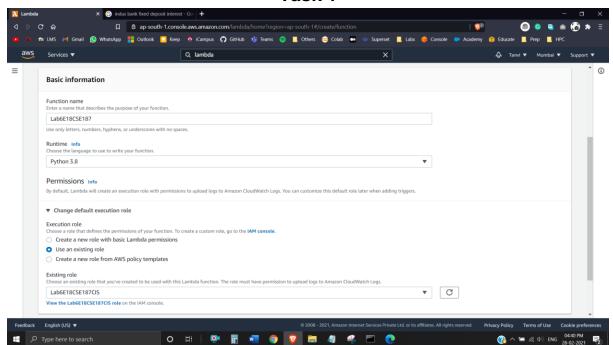
**Task 7:** Create a GET method and select Lambda function as integration type and tick the Use Lambda Proxy Integration then provide the created Lambda function name.

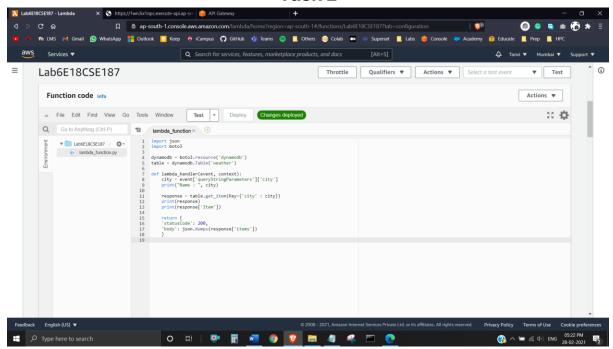
Task 8: Now deploy the API.

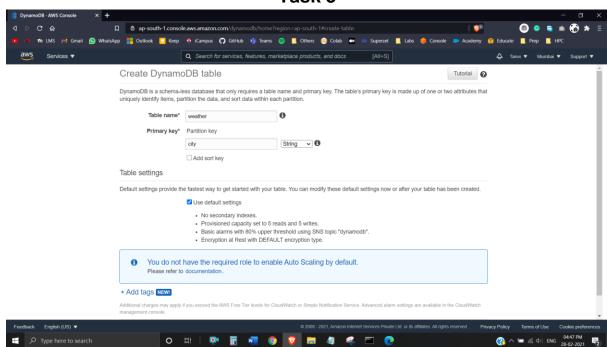
Task 9: Then Test the deployed API by using invoke URL of API.

**Task 10:** Take the snapshots of all performed tasks and create a doc/pdf of your enrolment number\_lab06 and upload the file on LMS.

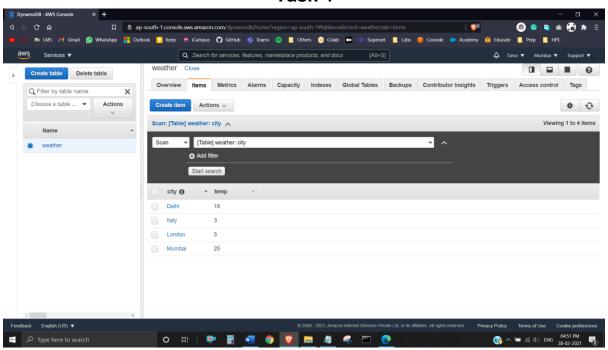


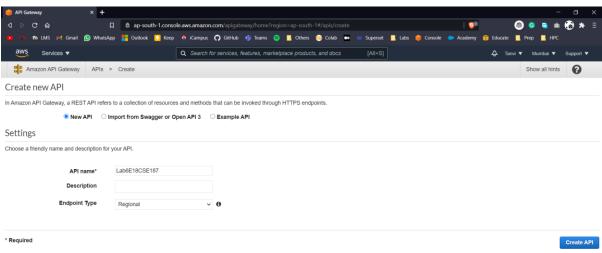




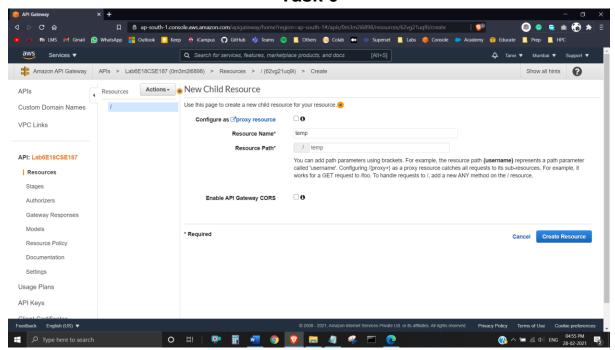


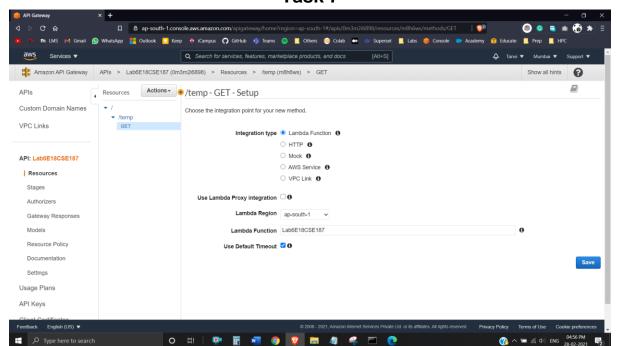
Task 4



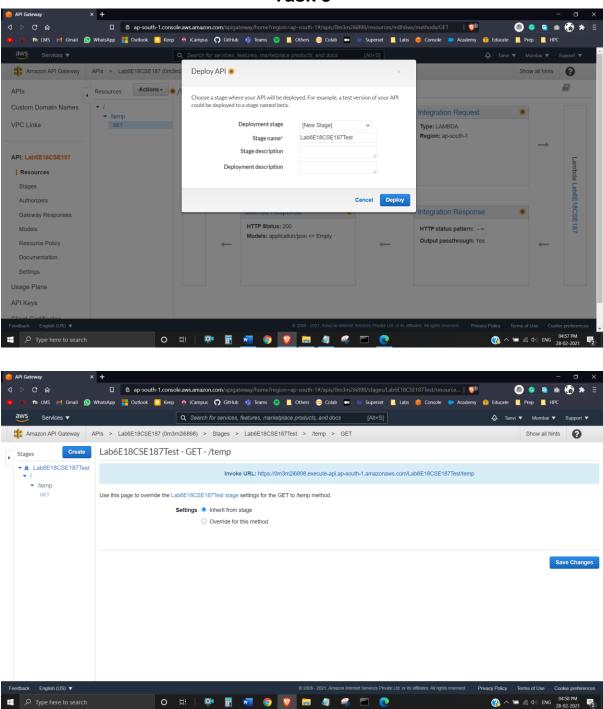








Task 8



Task 9

