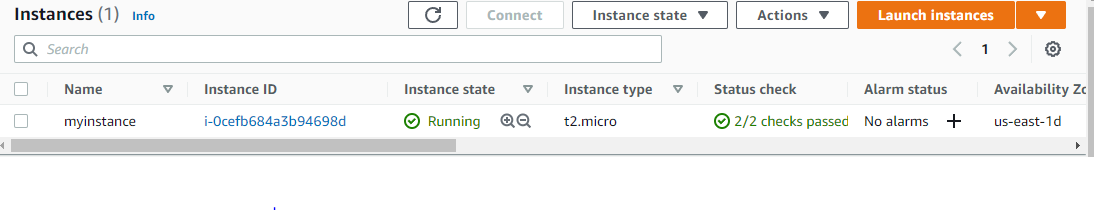
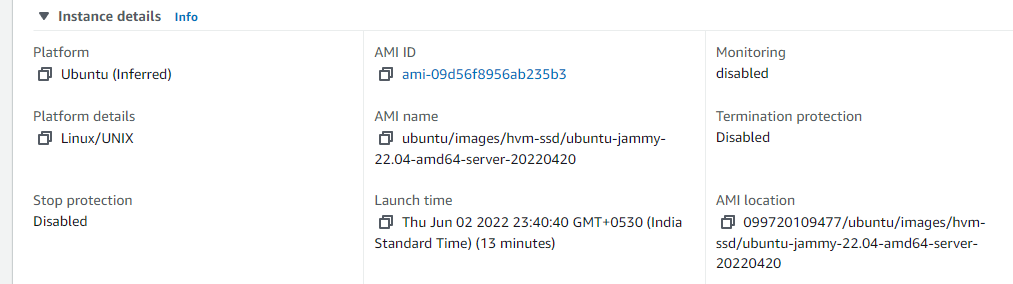
**Task 01**

**To Create the EC2 instance and launch using Linux OS**

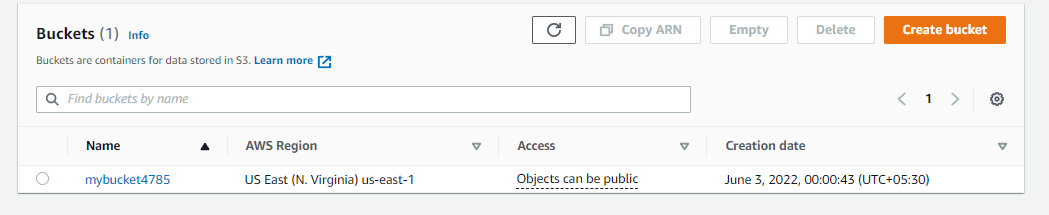
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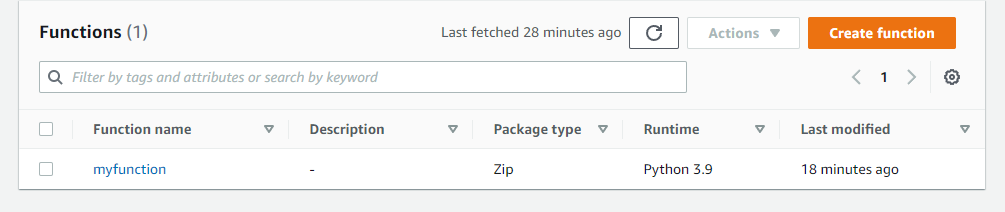
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**Task 02**

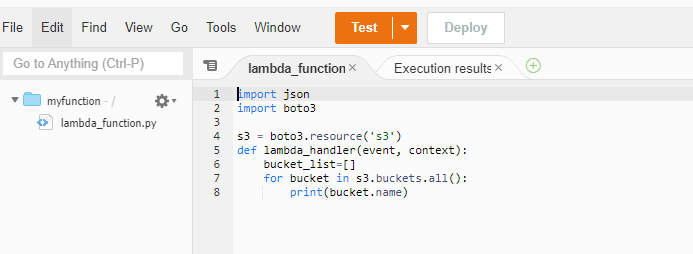
**To Display the S3 bucket details using lambda function**

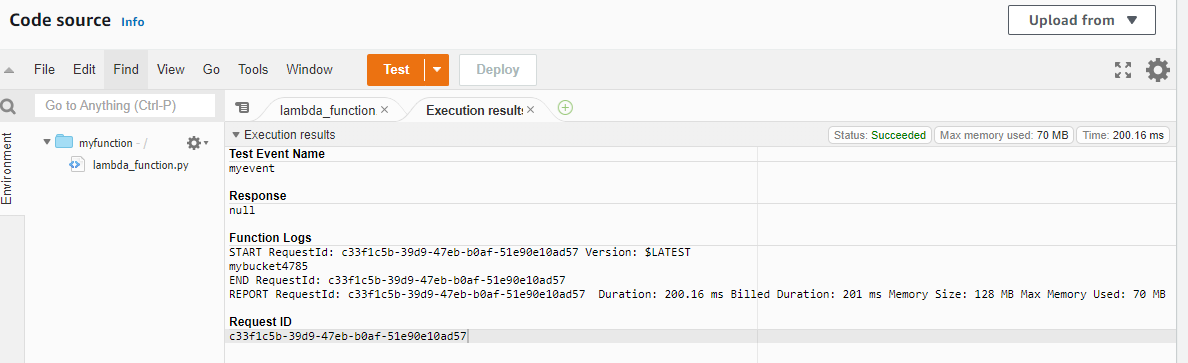
**S3 Bucket**

****

**Lambda function**

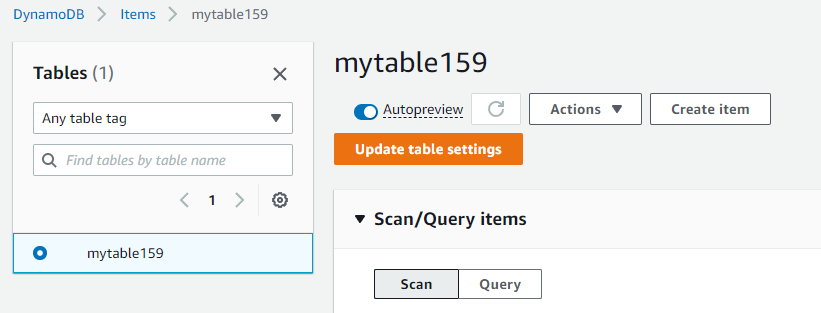
**Lambda function and Execution**

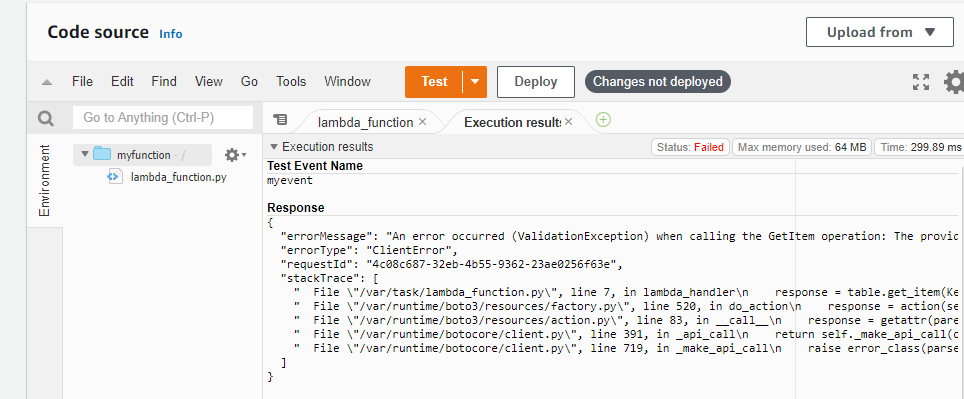
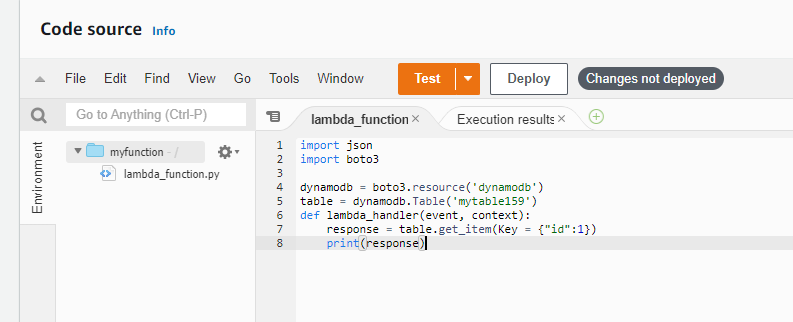
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**Task 03**

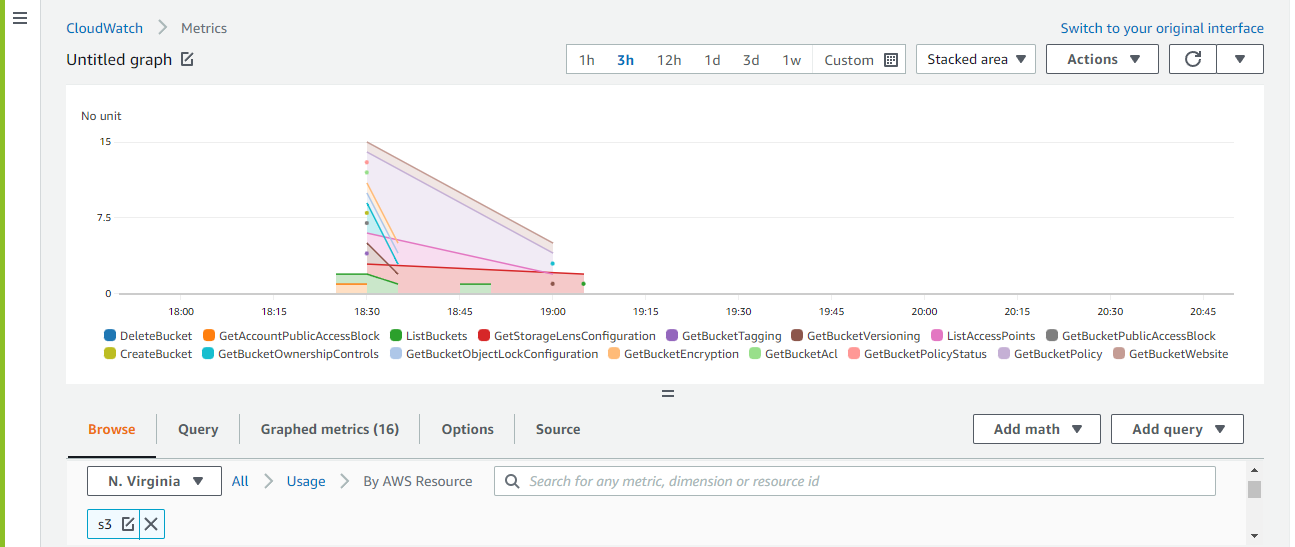
**To Read the Dynamo DB data from Lambda function**

****

****

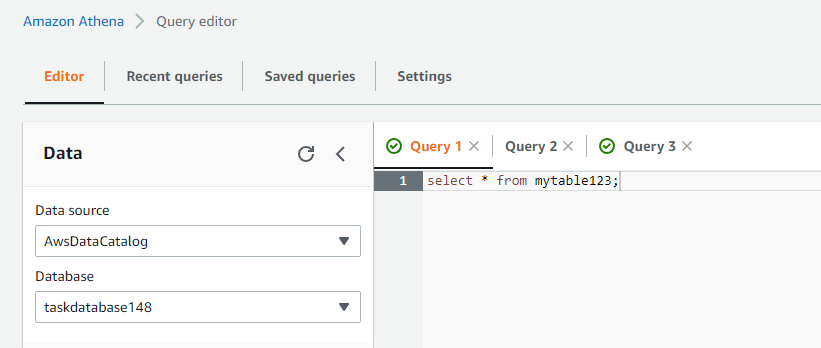
**Task 04**

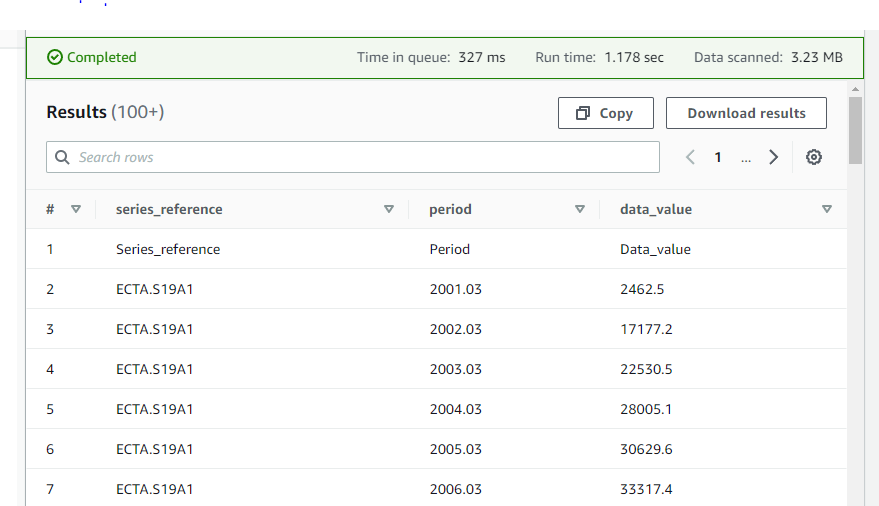
**To Use Cloudwatch analyse the metrics of S3 objects**

****

**Task 05**

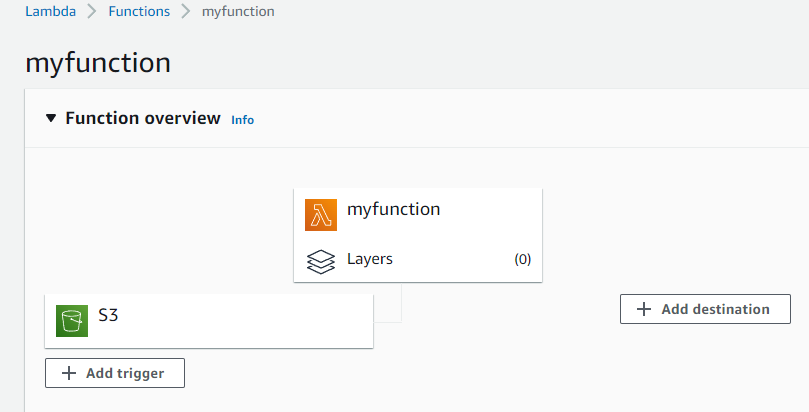
**To Perform the SQL operation using Athena for S3 objects**

****

****

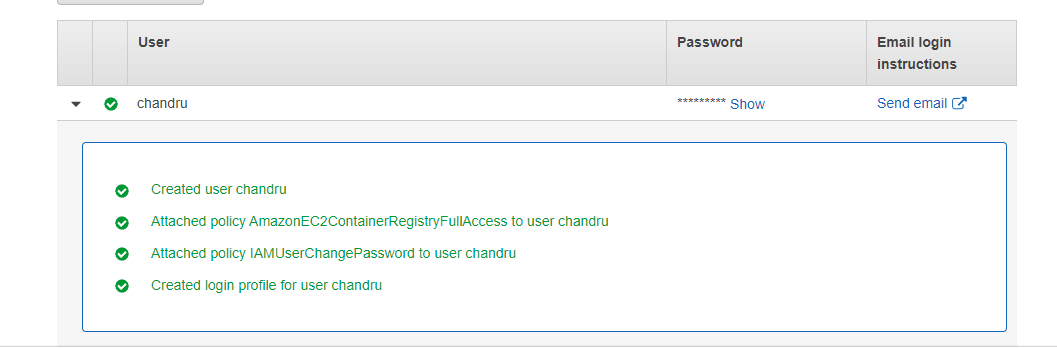
**Task 06**

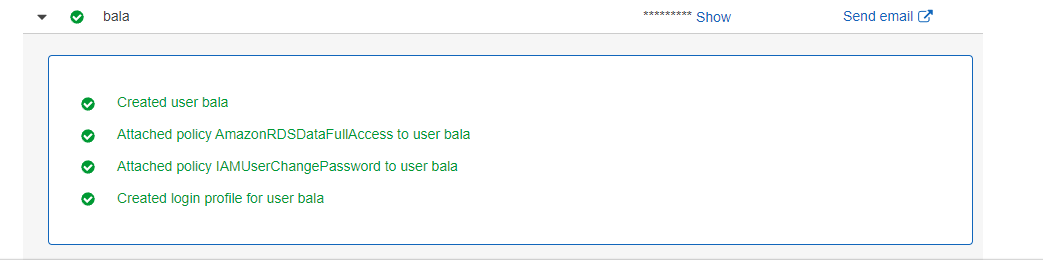
**To Create the trigger for invoking the lambda function for pushing the object in S3**

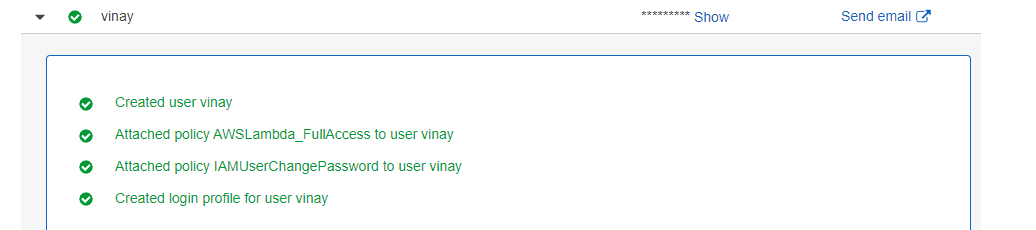
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**Task 07**

**To Create 3 different user to access EC2, RDS and Lambda functions respectively**

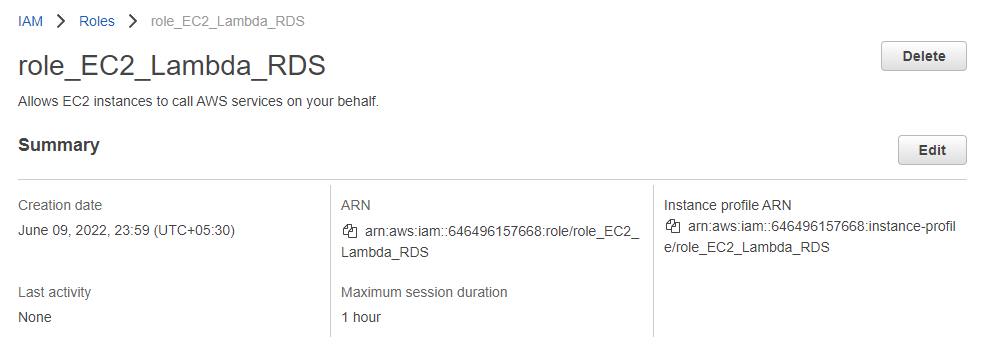
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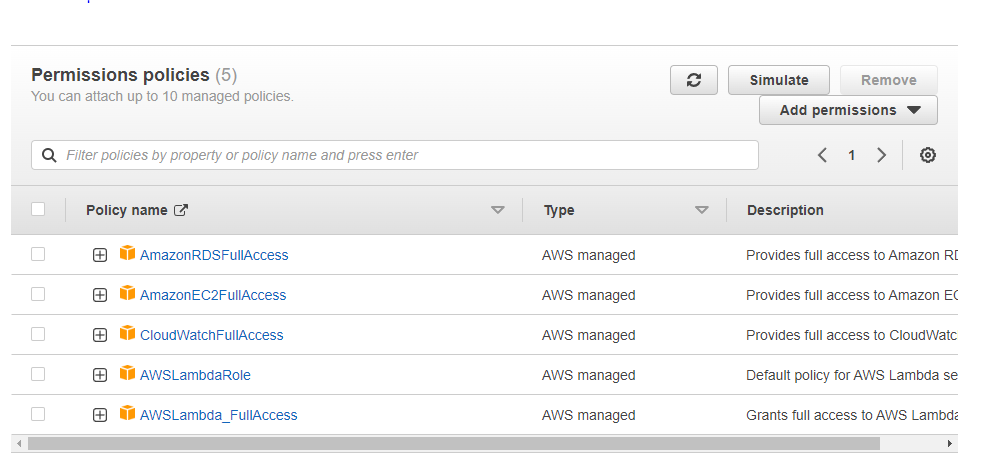
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**Task 08**

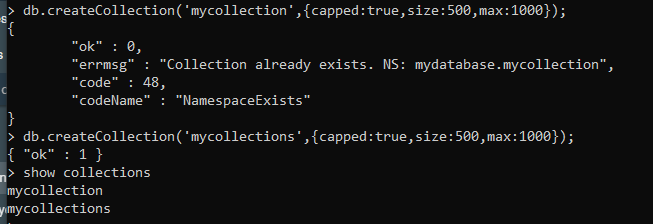
**To Create the roles to attach the policy of Cloudwatch, Lambda and RDS**

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****

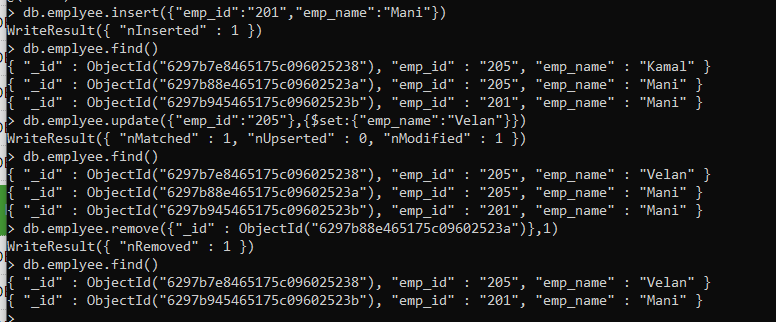
**Task 09**

**To Set up the MongoDB and create the capped collection not beyond the 500 mb data**

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**Task 10**

**To Create the CRUD operation for Employee datamodel in MongoDB**

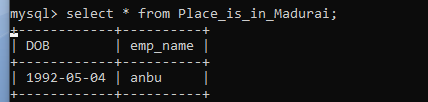
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**Task 11**

**To Create the view for Employee table which will hide the sensitive data**

CREATE VIEW Place\_is\_in\_Madurai AS SELECT DOB, emp\_name FROM employee WHERE place = 'Madurai';

select \* from Place\_is\_in\_Madurai;

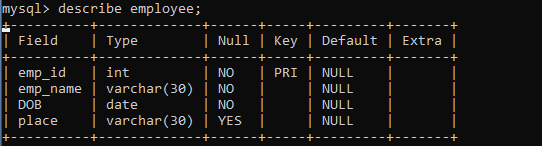


**Task 12**

**Creating Table**

create table employee (emp\_id int primary key, emp\_name varchar(30) not null, DOB date not null,

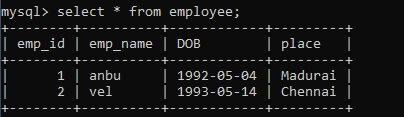
place varchar(30));



**Inserting Table**

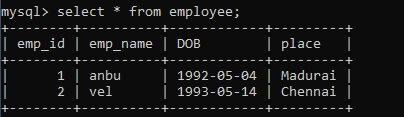
insert into employee (emp\_id, emp\_name, DOB , place) values ('1', 'anbu', '1992-04-04', 'Madurai');

insert into employee (emp\_id, emp\_name, DOB , place) values ('2', 'vel', '1993-05-14', 'Chennai');



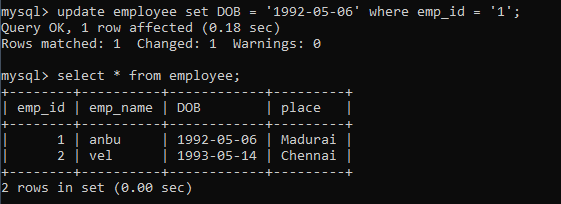
**View Table**

select \* from employee;



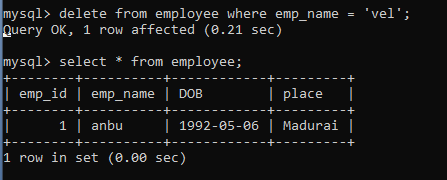
**Update Table**

update employee set DOB = '1992-05-06' where emp\_id = '1';



**Delete Table**

delete from employee where emp\_name = 'vel';



**Task 13**

**To Using Python , create , insert and delete the record in Mysql DB**

**import mysql.connector**

conn = mysql.connector.connect(user='root', password='Ram@93', host='localhost', database='task')

a = conn.cursor()

task = """create table employee (emp\_id int primary key, emp\_name varchar(30) not null, DOB date not null,

place varchar(30))"""

a.execute(task)

task\_insert = """insert into employee (emp\_id, emp\_name, DOB , place) values ('1', 'anbu', '1992-04-04', 'Madurai'),

('2', 'vel', '1993-05-14', 'Chennai')"""

a.execute(task\_insert)

conn.commit()

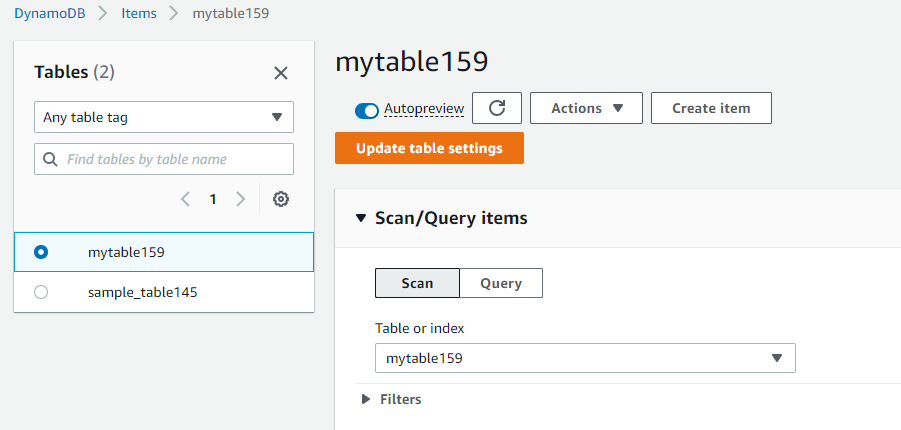
task\_delete = """delete from employee where emp\_name = 'vel'"""

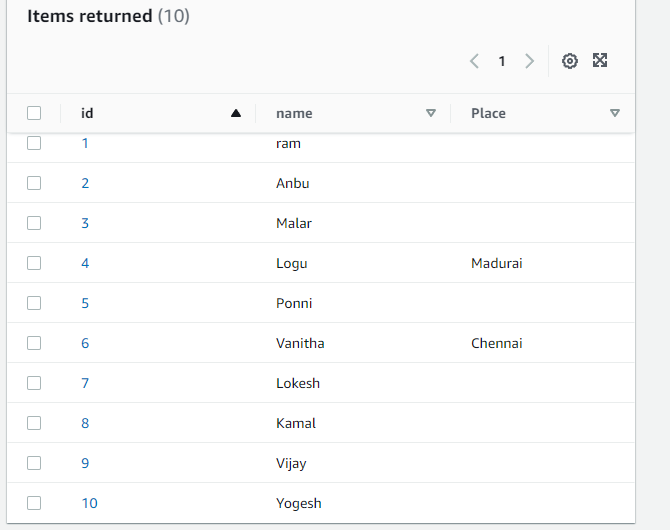
a.execute(task\_delete)

conn.commit()

**Task 15**

**To Create 10 item in Dynamo DB**

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