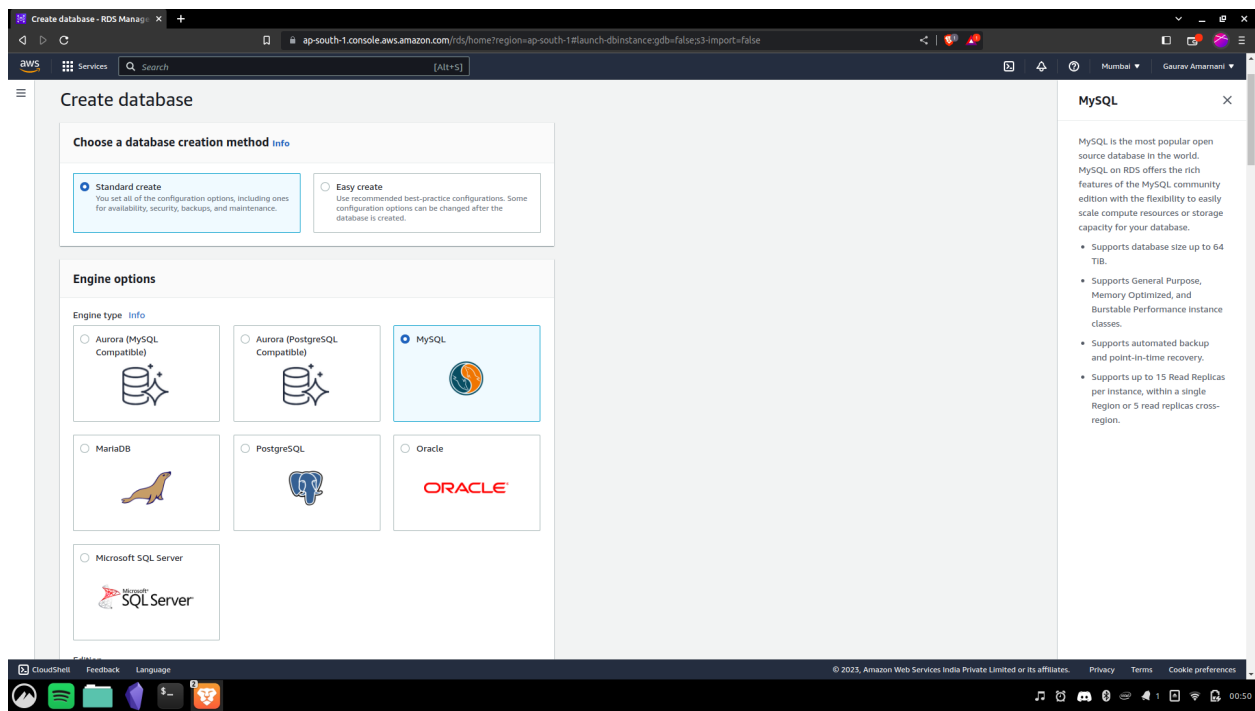
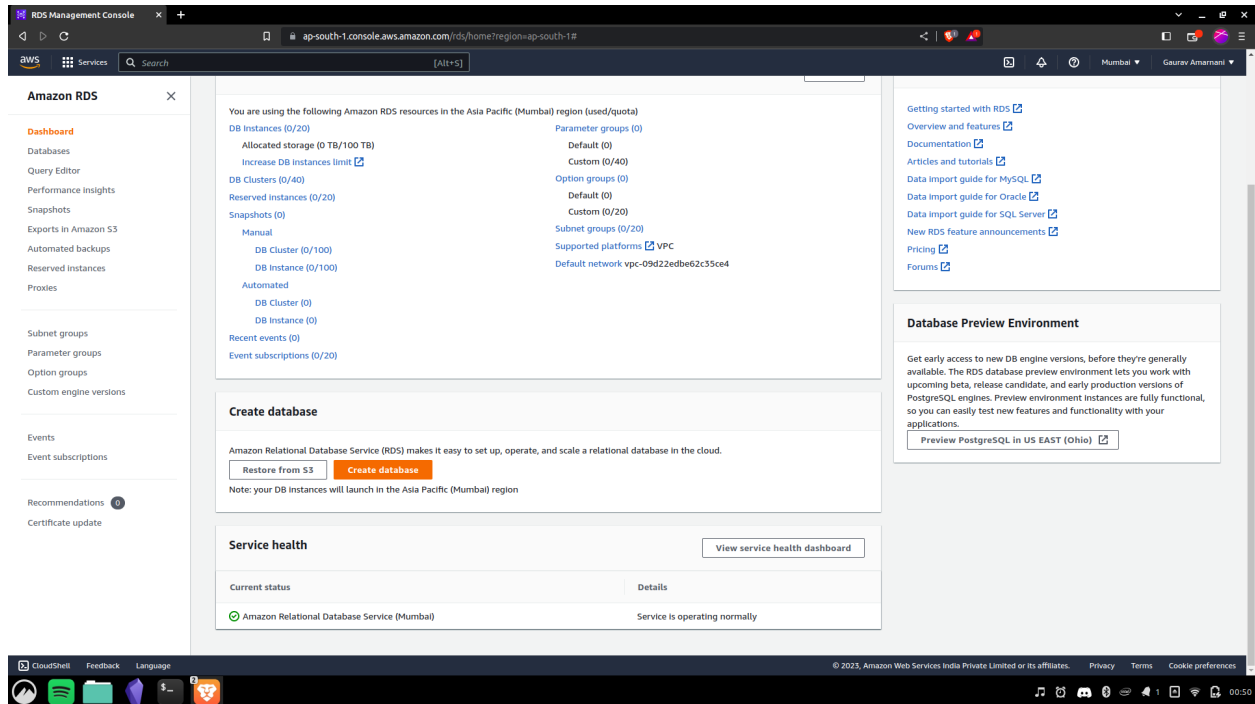
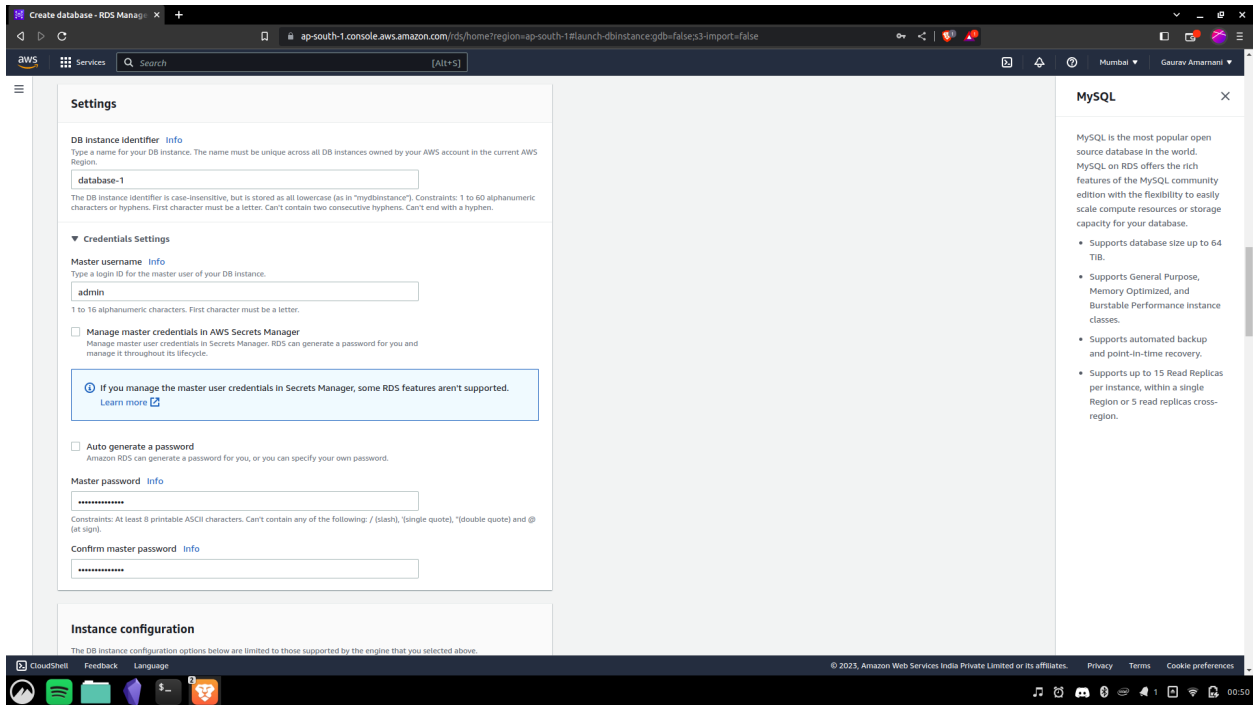
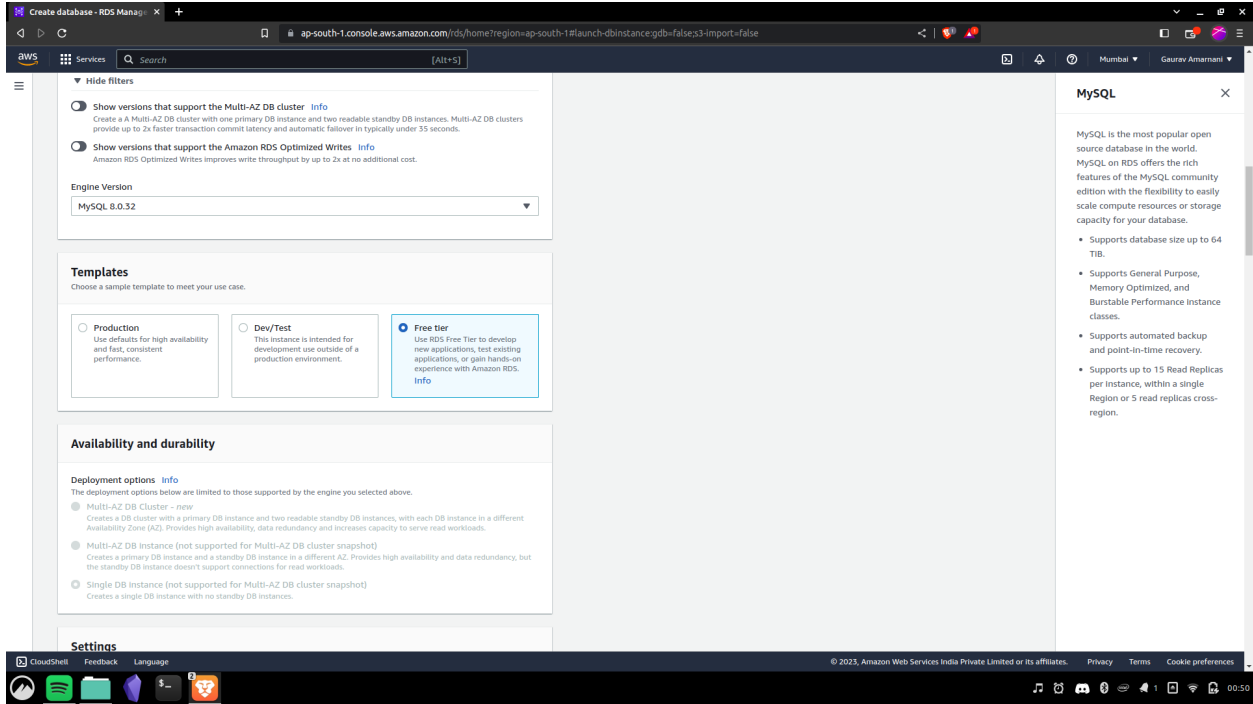
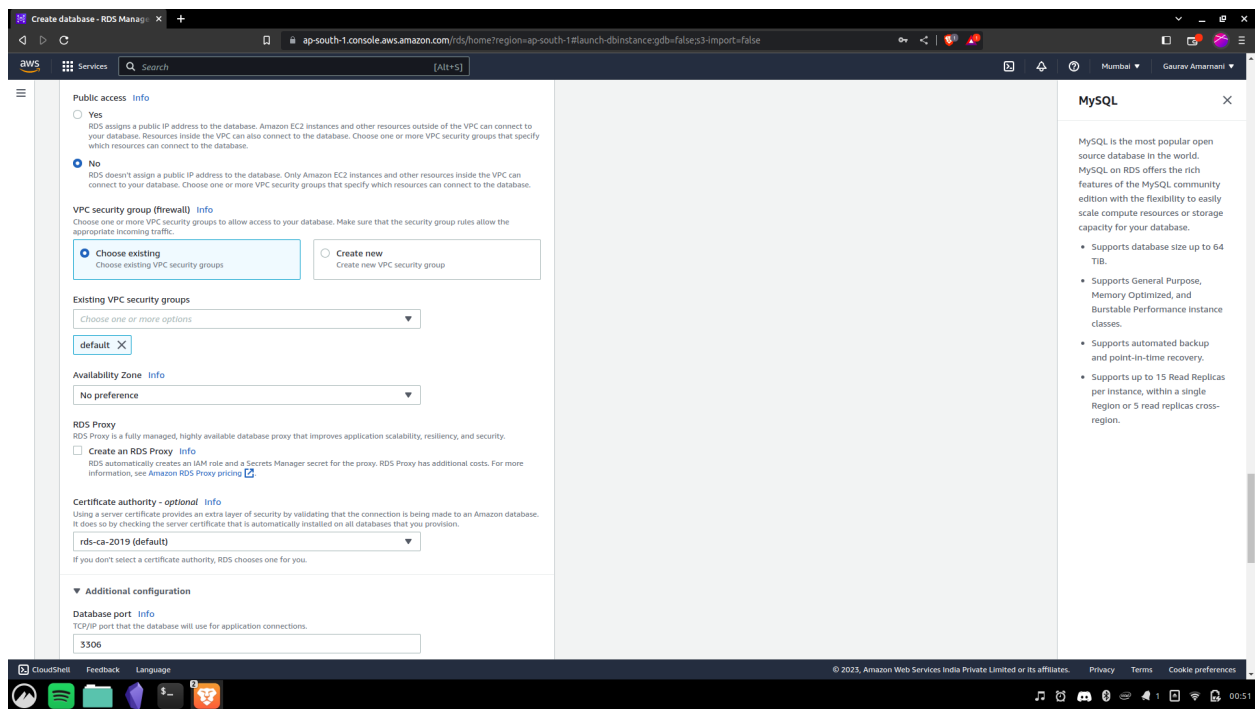
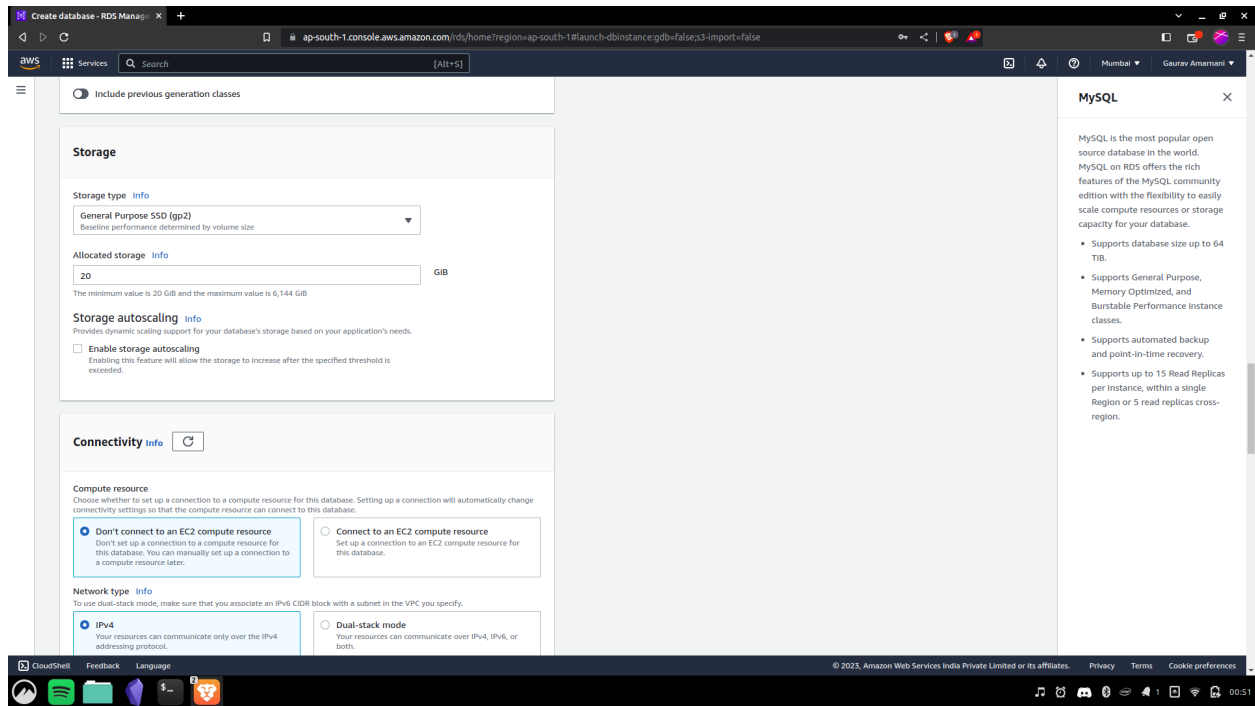
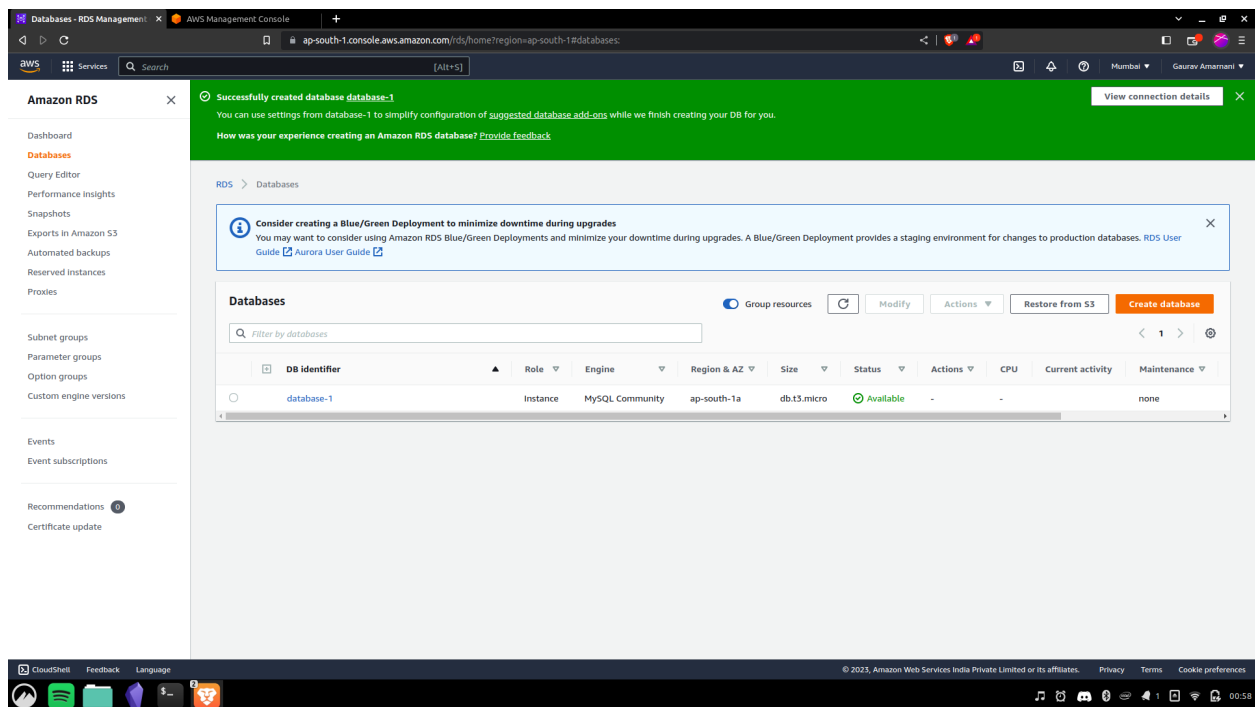
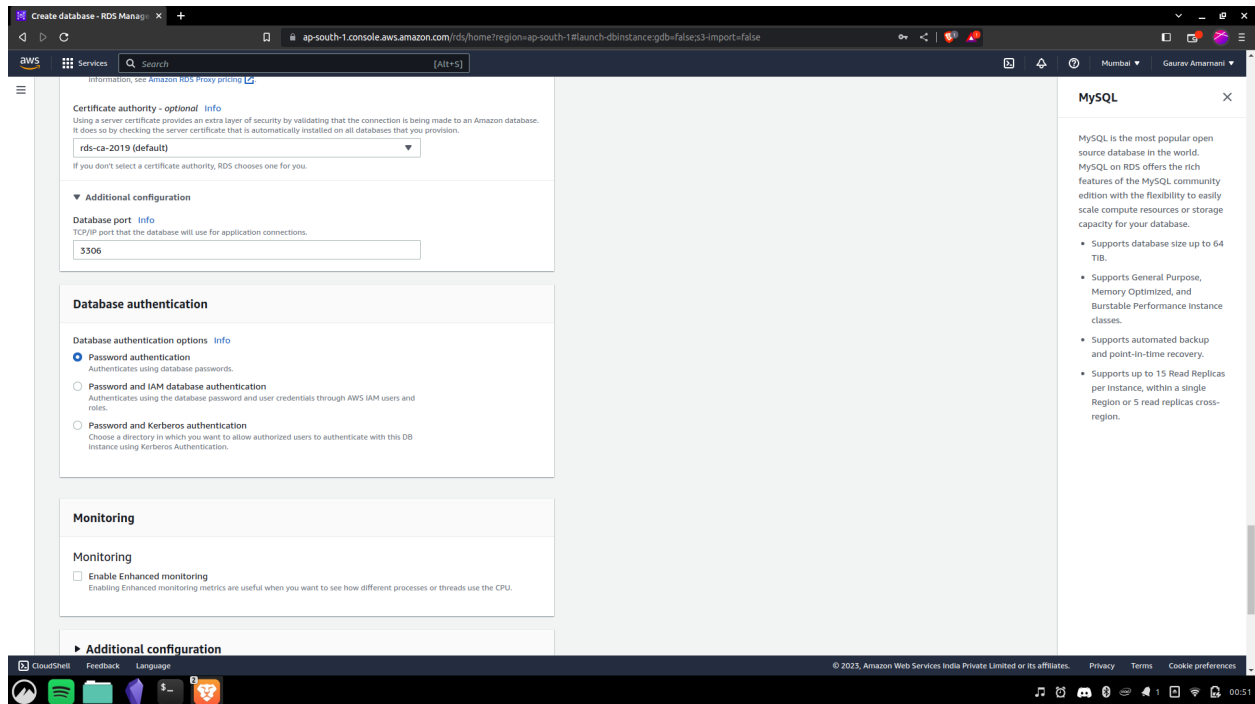


CC Lab 7









Connect to Database

Stored Connection: Select from saved connection settings

Connection Method: Standard (TCP/IP) Method to use to connect to the RDBMS

Parameters SSL Advanced

Hostname: Port: Name or IP address of the server host - and TCP/IP port.

Username: Name of the user to connect with.

Password: The user's password. Will be requested later if it's not set.

Default Schema: The schema to use as default schema. Leave blank to select it later.

MySQL Workbench

Mysql@database-1.cs2prv0fxj...

File Edit View Query Database Server Tools Scripting Help

Navigator

- MANAGEMENT
 - Server Status
 - Client Connections
 - Users and Privileges
 - Status and System Variables
 - Data Export
 - Data Import/Restore
- INSTANCE
 - Startup / Shutdown
 - Server Logs
 - Options File
- PERFORMANCE
 - Dashboard
 - Performance Reports
 - Performance Schema Setup

Administration Schemas

Information

No object selected

Query 1

Limit to 1000 rows

SQL Additions

Automatic context help is current car

Context Help Snippets

Output

Action Output

#	Time	Action
---	------	--------

Message

CREATING DATABASE

Query 1 x

Limit to 1000 rows

```
1 • Create database city;
```

Output

Action Output

#	Time	Action	Message
✓ 1	11:45:54	Create database city	1 row(s) affected

CREATING TABLE

```
4 • create table location(loc_name varchar(30), pincode integer);
```

Output

Action Output

#	Time	Action	Message
✓ 1	11:50:23	create table location(loc_name varchar(30), pincode integer)	0 row(s) affected

INSERT QUERY

```
6 • insert into location values("Chembur", 400071);
7 • insert into location values("Chembur Camp", 400074);
```

Output

Action Output

#	Time	Action	Message
✓ 1	11:50:23	create table location(loc_name varchar(30), pincode integer)	0 row(s) affected
✓ 2	11:51:48	insert into location values("Chembur", 400071)	1 row(s) affected
✓ 3	11:52:26	insert into location values("Chembur Camp", 400074)	1 row(s) affected

UPDATE QUERY

```
10 • update location set loc_name='Sindhi Society' where pincode=400074;
11 • Select * from location;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

	loc_name	pincode
▶	Chembur	400071
	Sindhi Society	400074

location 1 × Read Only

Output

Action Output

#	Time	Action	Message
✓ 1	12:02:39	update location set loc_name='Sindhi Society' where pincode=400074	0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0
✓ 2	12:02:55	Select * from location LIMIT 0, 1000	2 row(s) returned

DELETE QUERY

```
13 • delete from location where pincode=400074;
14
15 • select * from location;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

	loc_name	pincode
▶	Chembur	400071

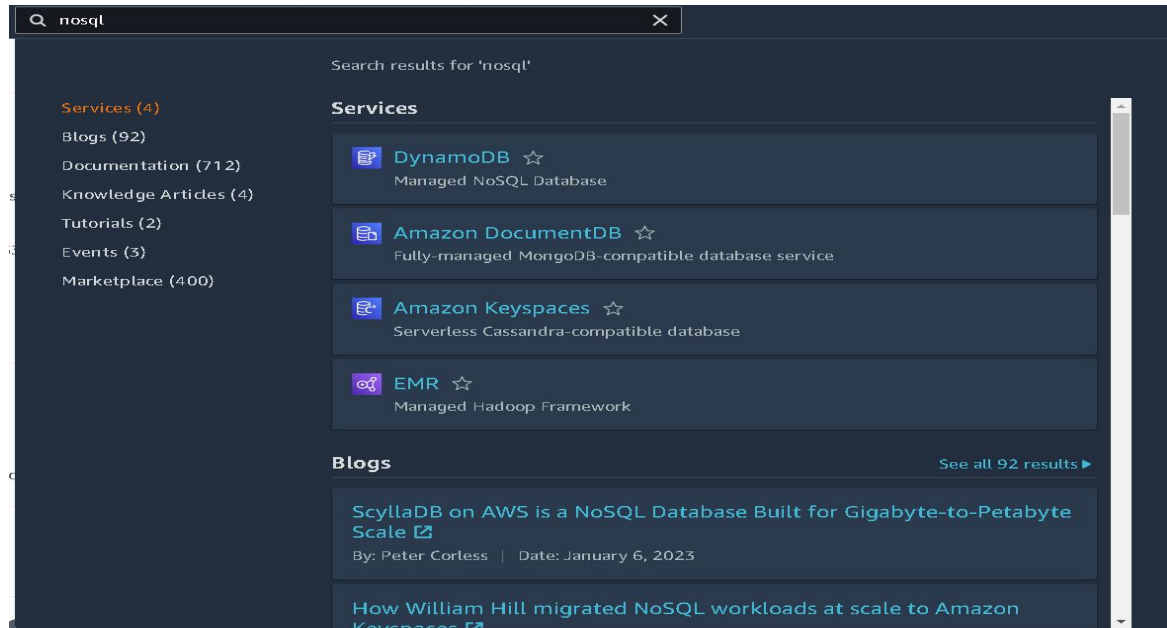
location 2 ×

Output

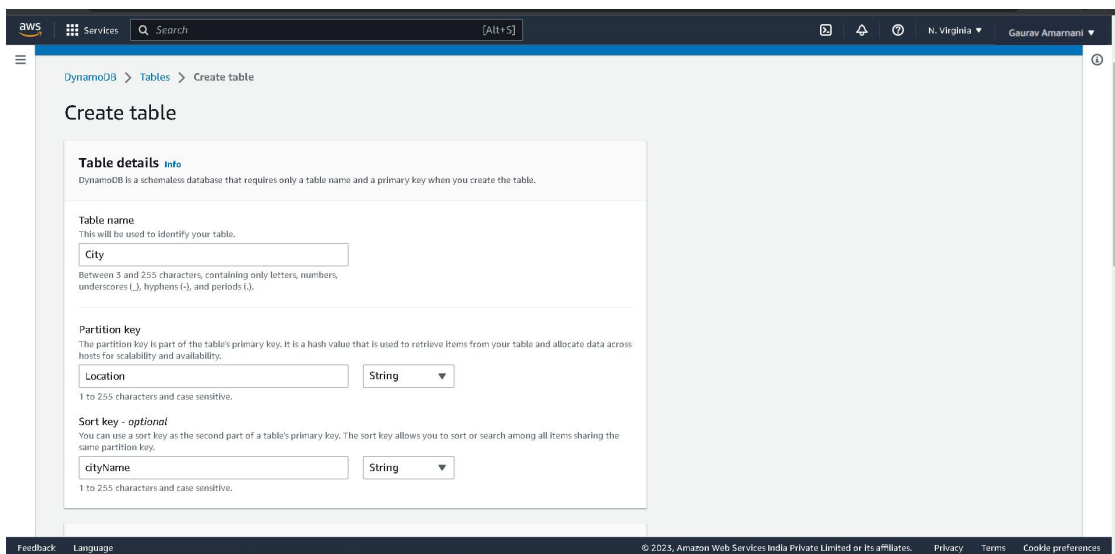
Action Output

#	Time	Action	Message
✓ 1	12:07:22	delete from location where pincode=400074	1 row(s) affected
✓ 2	12:07:41	select * from location LIMIT 0, 1000	1 row(s) returned

IMPLEMENTING NOSQL DATABASE CONNECTION USING DYNAMODB



1. Creating a table:






aws

Services

Search

[Alt+S]



N. Virginia

Gaurav Amarnani

Read/write capacity settings

info

Capacity mode

☐ On-demand

☒ Provisioned

Simplify billing by paying for the actual reads and writes your application performs.

Manage and optimize your costs by allocating read/write capacity in advance.

Read capacity

Auto scaling

info

Dynamically adjusts provisioned throughput capacity on your behalf in response to actual traffic patterns.

☒ On

☐ Off

Minimum capacity units

Maximum capacity units

Target utilization (%)

1

10

70

Write capacity

Auto scaling

info

Dynamically adjusts provisioned throughput capacity on your behalf in response to actual traffic patterns.

☒ On

☐ Off

Minimum capacity units

Maximum capacity units

Target utilization (%)

1

10

70

Feedback

Language

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Privacy

Terms




Cookie preferences

aws

Services

Search

[Alt+S]



N. Virginia

Gaurav Amarnani

Management Service (AWS KMS) AWS KMS charges apply.

☐ Stored in your account, and owned and managed by you

Learn more

The key is stored in your account and is owned and managed by you. AWS KMS charges apply.

Deletion protection - new

info

Deletion protection is turned off by default. Deletion protection protects the table from being deleted unintentionally. You can turn on deletion protection now, and you can also turn it on after the table has been created.

☐ Turn on deletion protection

Tags

Tags are pairs of keys and optional values, that you can assign to AWS resources. You can use tags to control access to your resources or track your AWS spending.

No tags are associated with the resource.

Add new tag

You can add 50 more tags.

Cancel

Create table

Feedback

Language

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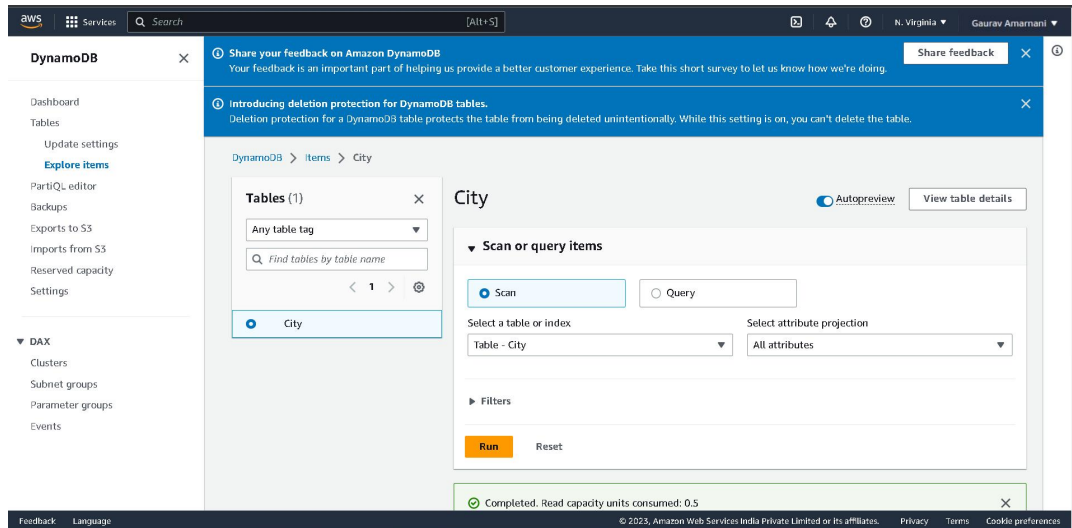
Privacy

Terms

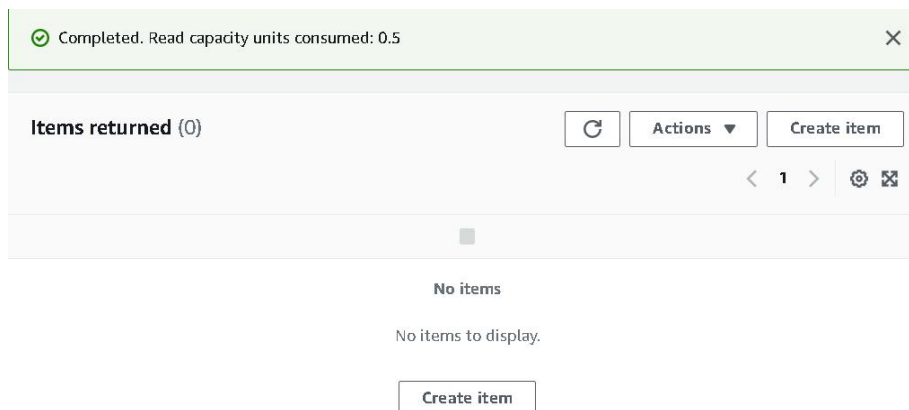
Cookie preferences

2.Adding data to NOSQL table

Select explore items from the left menu , then select the radio button next to City



3.Choose create item:



4. Created items in table

Items returned (2)			Actions ▾	Create item
		< 1 >		
<input type="checkbox"/>	Location ▾	cityName ▾		
<input type="checkbox"/>	Gujarat	Ahmedabad		
<input type="checkbox"/>	Maharashtra	Chembur		

5. Writing queries:

Select Query (using begins with) :

The screenshot shows the AWS DynamoDB console interface. On the left is a navigation menu with options like Dashboard, Tables, Update settings, Explore items, PartiQL editor, Backups, Exports to S3, Imports from S3, Reserved capacity, and Settings. The main area displays the 'City' table. A 'Tables (1)' sidebar shows the 'City' table selected. The 'Scan or query items' section is active, with the 'Query' radio button selected. The configuration includes: 'Select a table or index' set to 'Table - City', 'Select attribute projection' set to 'All attributes', 'Location (Partition key)' set to 'Maharashtra', and 'cityName (Sort key)' set to 'Begins with' with the value 'C'. There is a 'Sort descending' checkbox which is unchecked. At the bottom, there are 'Run' and 'Reset' buttons. A blue banner at the top of the console area states: 'Introducing deletion protection for DynamoDB tables. Deletion protection for a DynamoDB table protects the table from being deleted unintentionally. While this setting is on, you can't delete the table.'

Output:

Completed. Read capacity units consumed: 0.5

Items returned (1)

Actions Create item

< 1 > ⚙️

<input type="checkbox"/>	Location	cityName
<input type="checkbox"/>	Maharashtra	Chembur

6. To delete an existing row in a table :

DynamoDB

Find tables by table name

City

Scan Query

Select a table or index

Table - City

Select attribute projection

All attributes

Filters

Run Reset

Completed. Read capacity units consumed: 0.5

Items returned (1/2)

Actions Create item

Edit item Duplicate item Delete items Download selected items to CSV Download results to CSV

<input type="checkbox"/>	Location	cityName
<input checked="" type="checkbox"/>	Gujarat	Ahmedabad
<input type="checkbox"/>	Maharashtra	Chembur

7. To delete the existing table :

DynamoDB

Find tables by table name

Any table tag

Tables (1/1) Info

Actions Delete Create table

<input checked="" type="checkbox"/>	Name	Status	Partition key	Sort key	Indexes	Deletion protection	Read capacity mode	Write capacity
<input checked="" type="checkbox"/>	City	Active	Location (S)	cityName (S)	0	Off	Provisioned with auto scaling (1)	Provisioned