

Practical 8

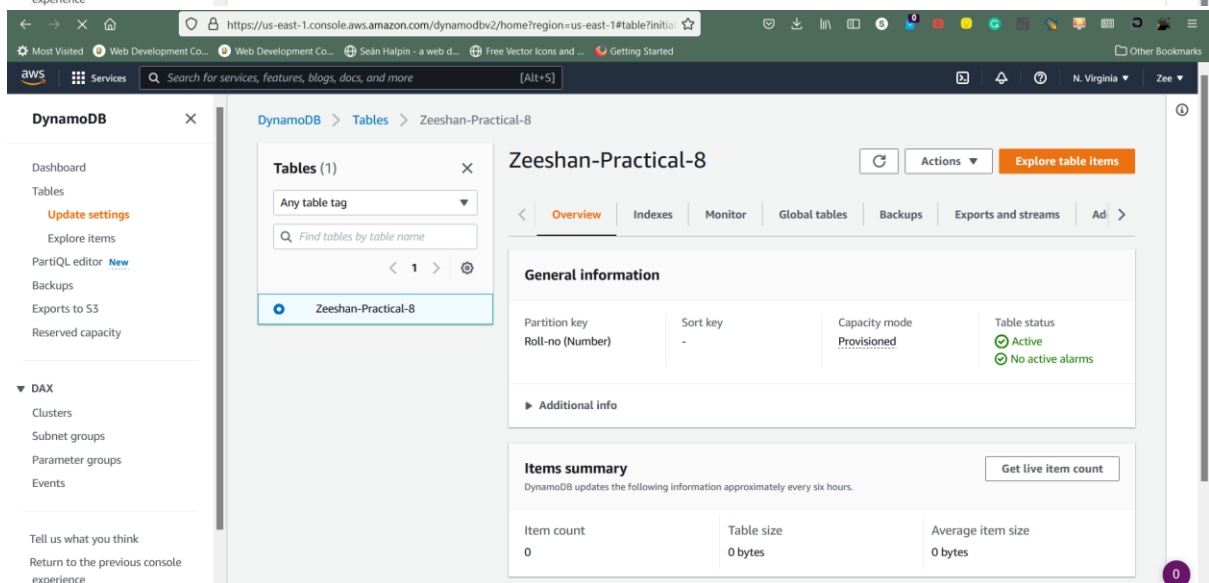
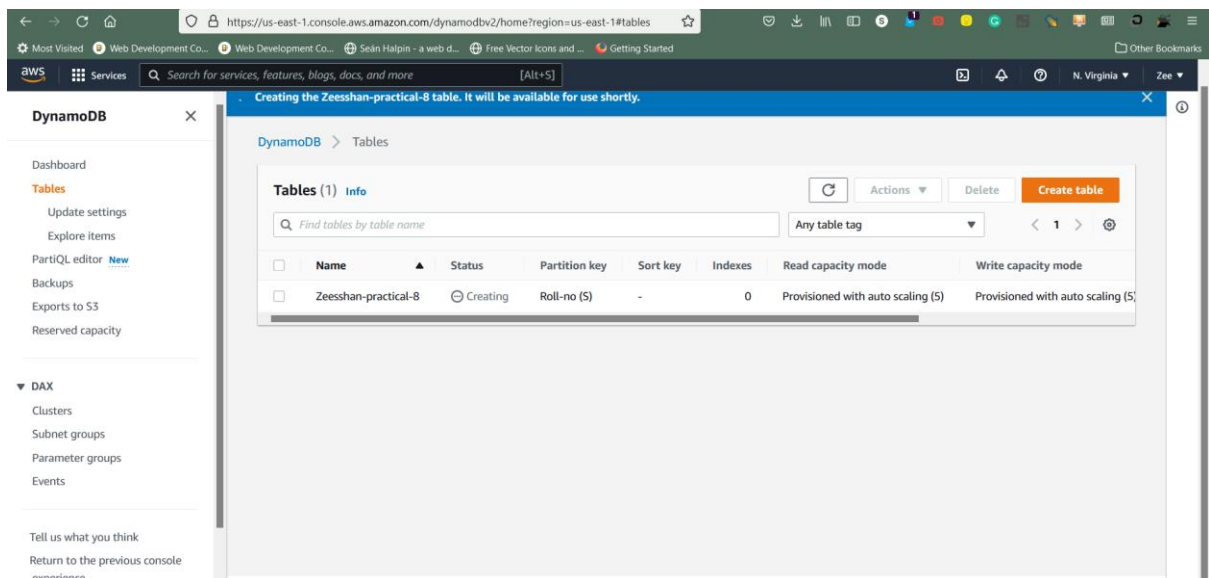
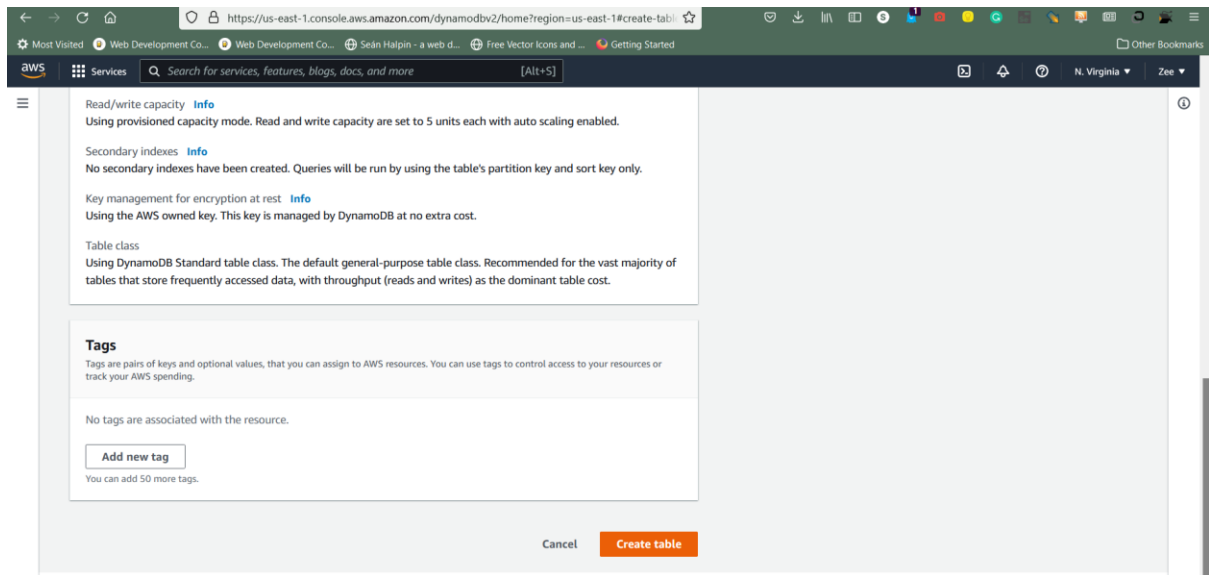
Aim: Demonstrates how to make basic requests to Amazon DynamoDB including:

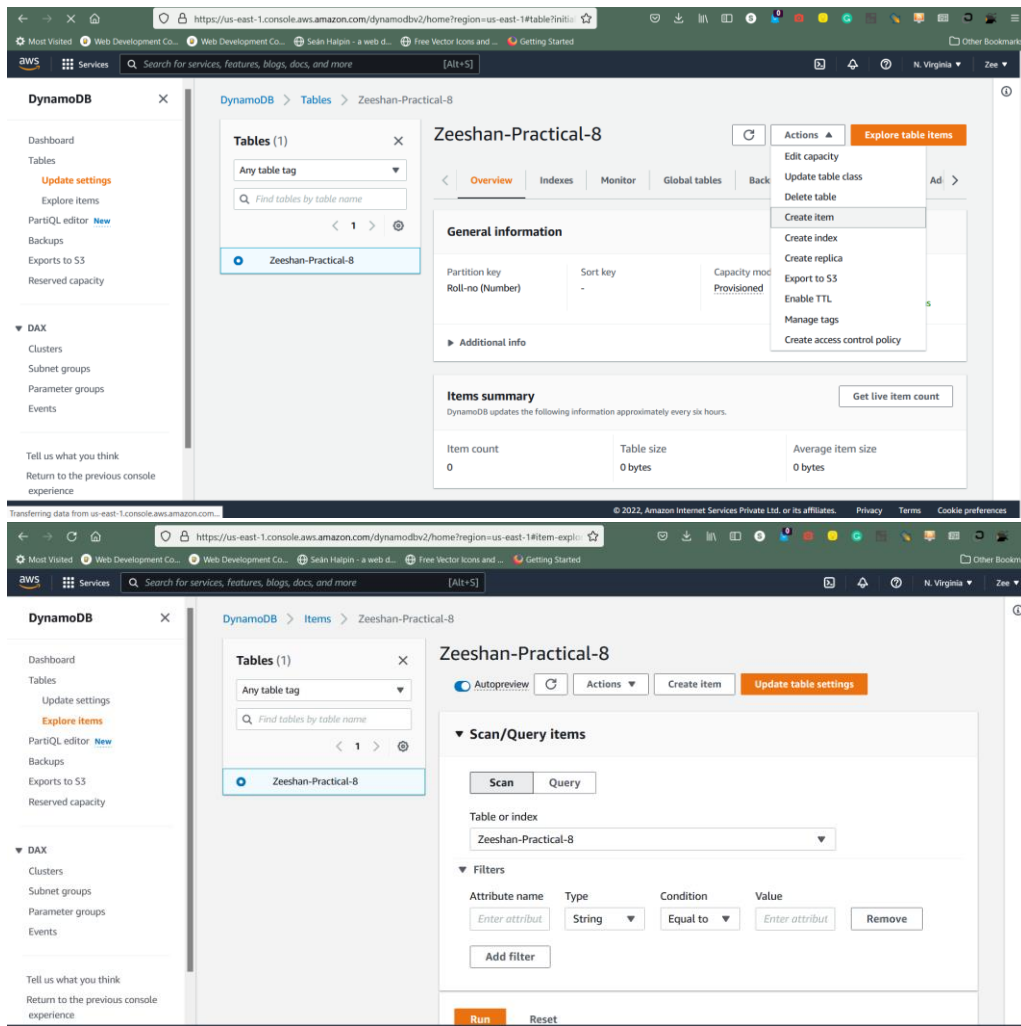
- how to add items to a table.
- how to get items from a table.
- how to query items on a table.
- how to scan items from a table using a filter expression.
- how to update items on a table.
- how to delete a table.

Steps:

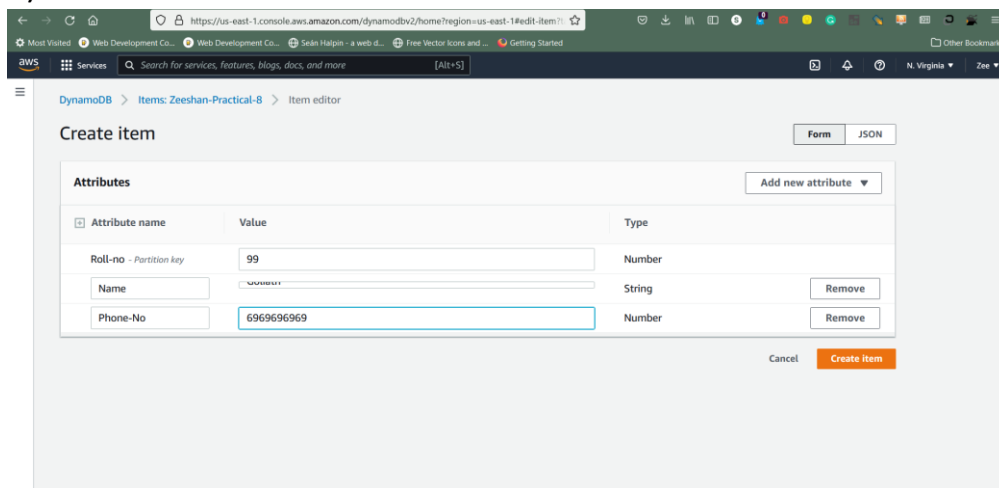
1) Create table

The screenshot displays the Amazon DynamoDB console interface. At the top, a navigation bar includes the AWS logo, a search bar, and the current region (N. Virginia). A left-hand sidebar lists various DynamoDB features like Dashboard, Tables, and DAX. The main content area shows a 'Create table' wizard. The 'Table details' section is active, showing fields for 'Table name' (filled with 'Zeeshan-Practical-8'), 'Partition key' (filled with 'Roll-no' and a 'Number' data type), and 'Sort key - optional' (filled with 'Enter the sort key name' and a 'String' data type). A 'Create table' button is visible in the top right of the main content area. Below the wizard, a footer bar contains copyright information and links to Privacy, Terms, and Cookie preferences.








2) Create Item



3) Scan Items.

 **Completed** Read capacity units consumed: 0.5

Items returned (3)

< 1 >  

<input type="checkbox"/>	Roll-no ▾	Name ▾	Phone-No ▾
<input type="checkbox"/>	99	Goliath	6969696969
<input type="checkbox"/>	1	John	
<input type="checkbox"/>	4	Zeeshan	

▼ Scan/Query items

Scan Query

Table or index
Zeeshan-Practical-8 ▾


▼ Filters

Attribute name	Type	Condition	Value	
Roll-no	Number ▾	Equal to ▾	4	Remove



Add filter

Run

Reset

 **Completed** Read capacity units consumed: 0.5

Items returned (1)

< 1 >  

<input type="checkbox"/>	Roll-no ▾	Name ▾
<input type="checkbox"/>	4	Zeeshan

4) Query Items.

▼ Scan/Query items

ScanQuery

Table or index
Zeeshan-Practical-8 ▼

Roll-no (Partition key)
99

▼ Filters
Add a filter to get started.
Add filter

RunReset

Completed Read capacity units consumed: 0.5

Items returned (1)
< 1 > ⚙️

<input type="checkbox"/>	Roll-no ▼	Name ▼	Phone-No ▼
<input type="checkbox"/>	99	Goliath	6969696969

5) Delete table

Partition keySort keyIndexesRead capacity mode

Delete table

×

You are about to delete a table.

- Zeeshan-Practical-8

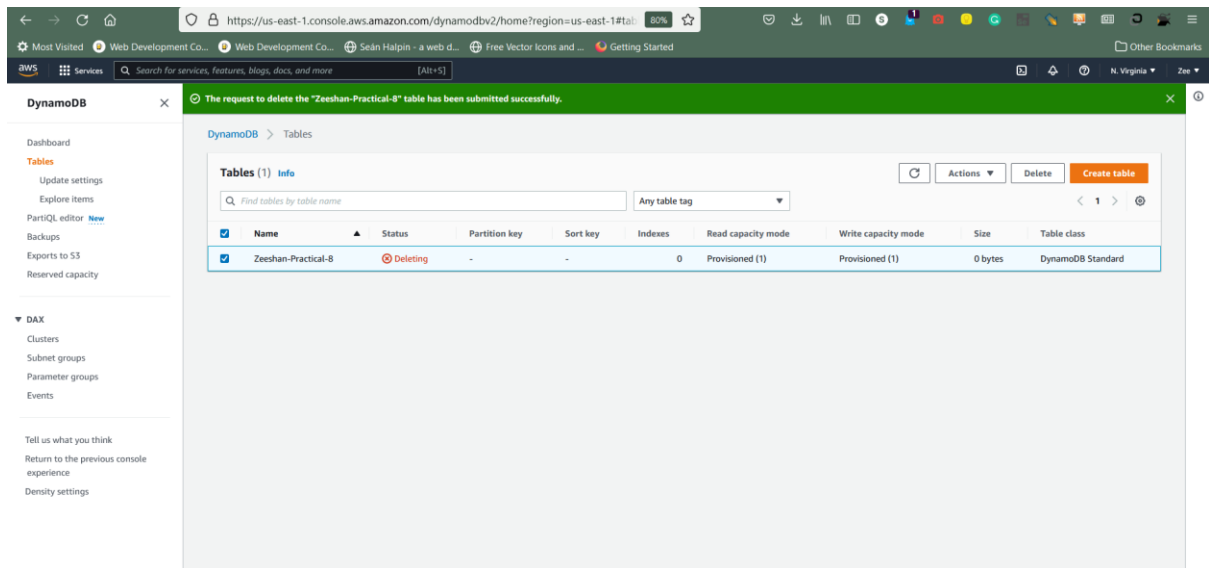
☒ Delete all CloudWatch alarms for this table.

☐ Create a backup of this table before deleting it.
If you do not select this check box, you will not be able to restore data being deleted.

To confirm the deletion of this table, type *delete* in the box.

delete

CancelDelete table



Conclusion: Add, Update, Scan, Query and Delete table operation successfully implemented on DynamoDB.