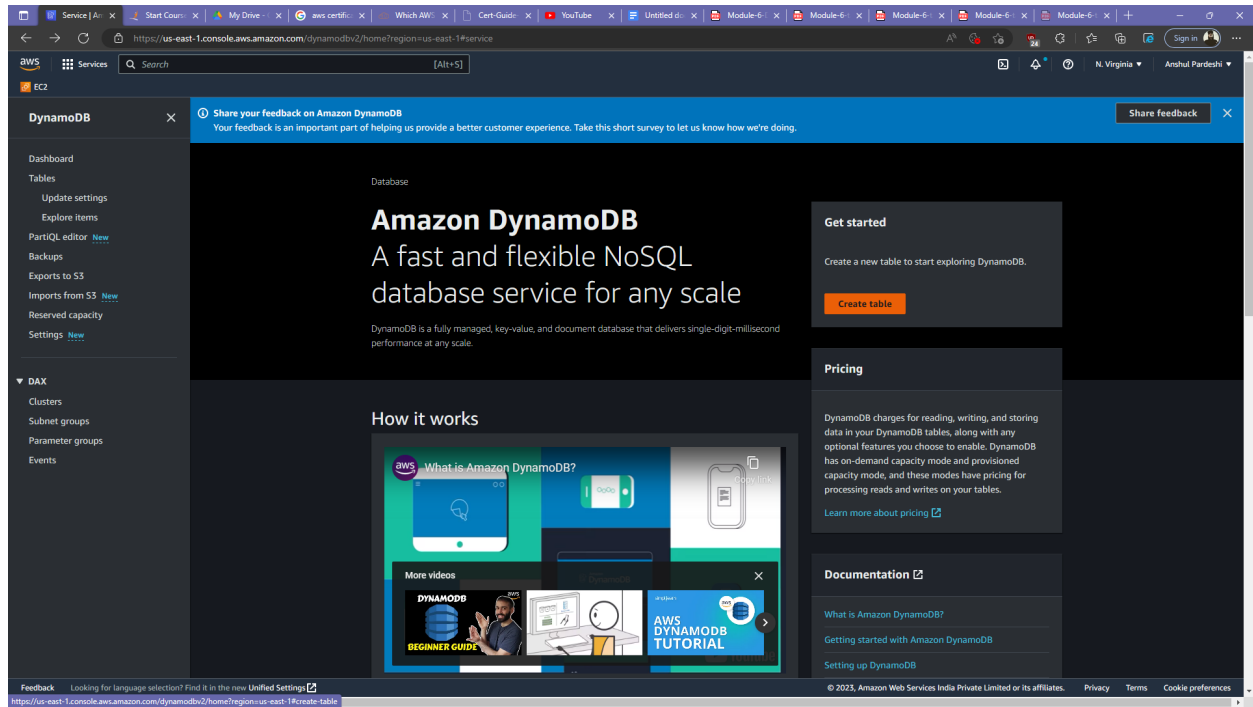


Module-6: Database Services Assignment - 3

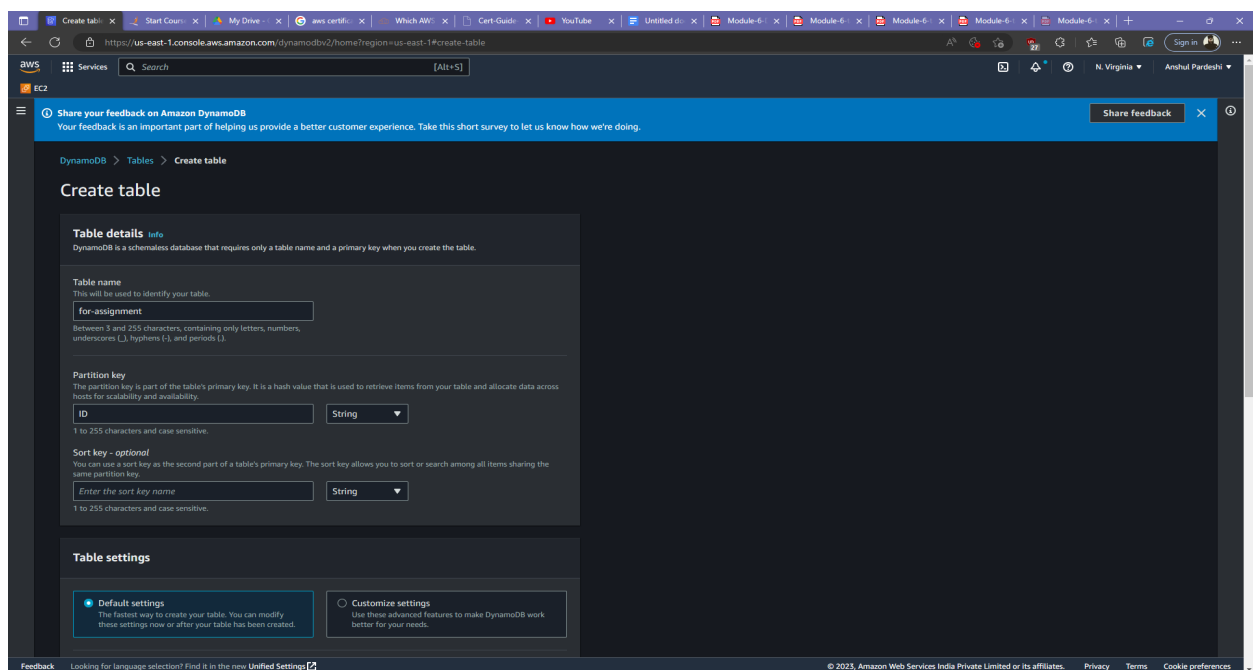
You have been asked to:

1. Create a DynamoDB table with a partition key as ID.
2. Add 3 items to the DynamoDB table.
3. Take a backup and delete the table.

Click on the create table by going into the DynamoDB dashboard.



Mention Partition Key as ID as mentioned above.



Click on create table.

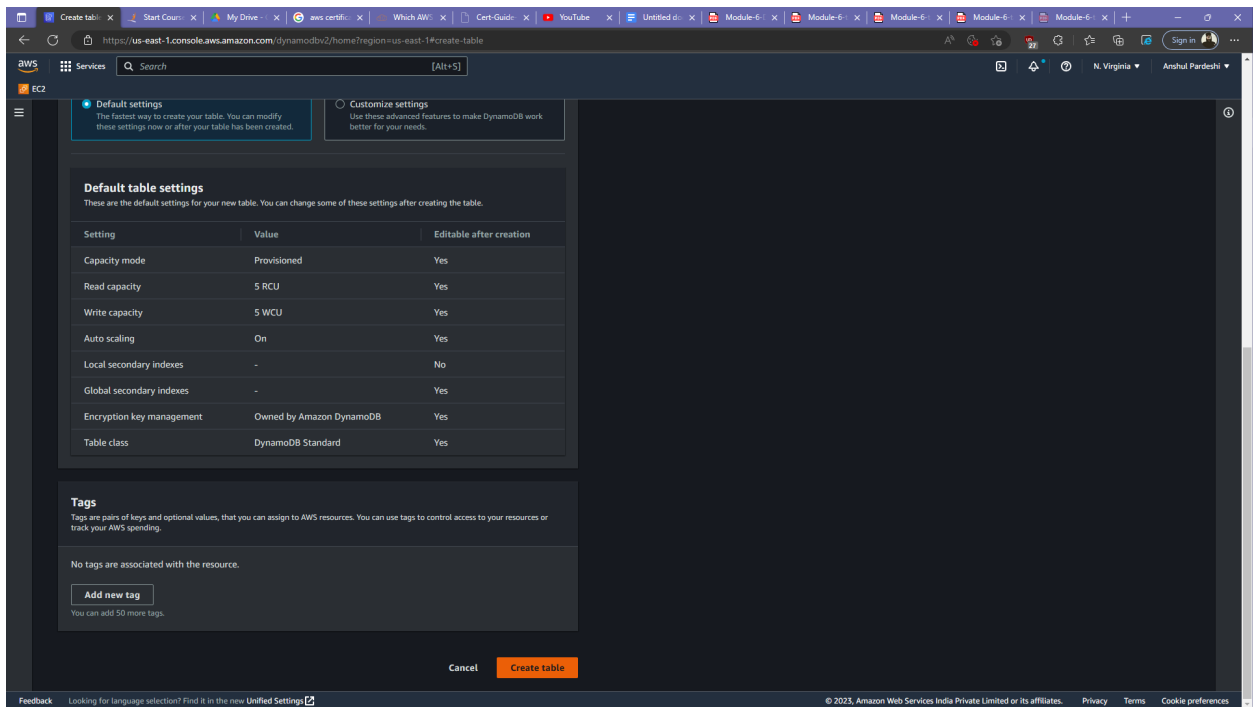
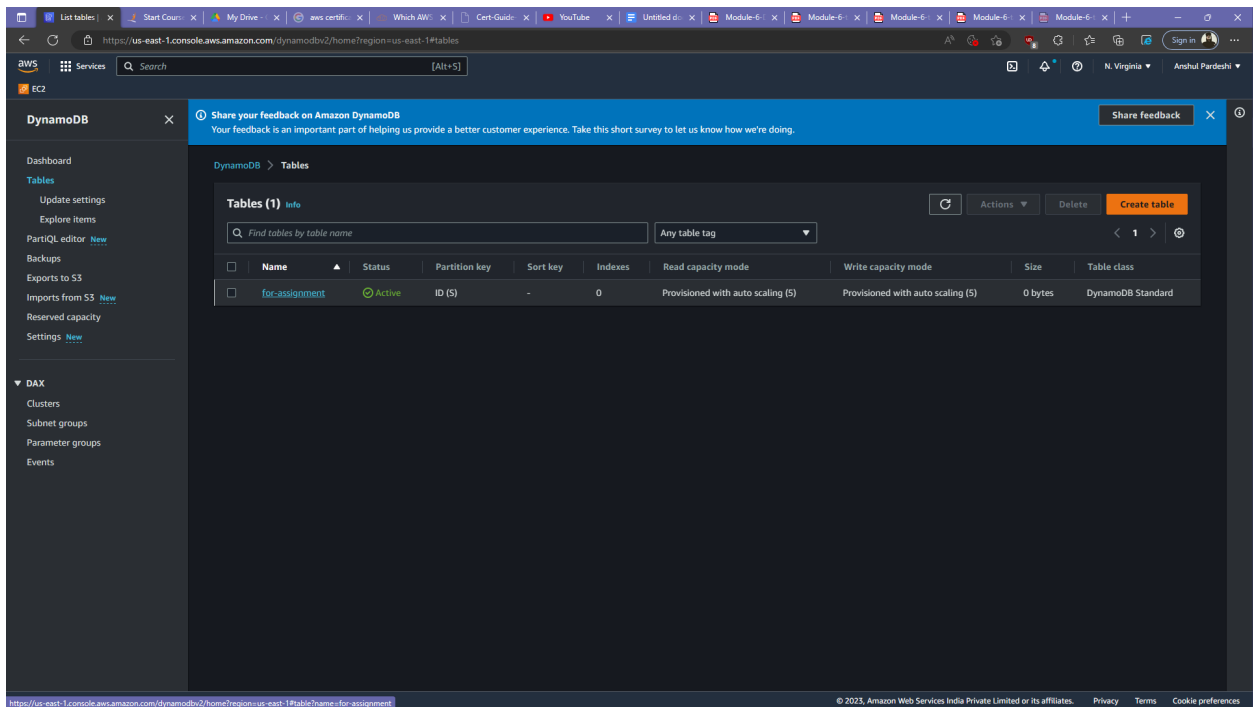


Table has been created. Click on the table to edit it.



Go to the actions drop down menu and choose create item.

The screenshot shows the Amazon DynamoDB console interface. On the left is a navigation sidebar with options like Dashboard, Tables, and DAX. The main content area displays the 'for-assignment' table overview. A 'Tables (1)' list on the left shows the 'for-assignment' table. The 'Actions' dropdown menu is open, showing options like 'Edit capacity', 'Update table class', 'Delete table', 'Create item', 'Create index', 'Create replica', 'Export to S3', 'Enable TTL', 'Manage tags', and 'Create access control policy'. The 'Create item' option is highlighted. The table's general information shows a partition key of 'ID (String)' and a sort key of '-'. The capacity mode is 'Provisioned'. The items summary shows 0 items, 0 bytes table size, and 0 bytes average item size. The table capacity metrics section shows read usage, throttled requests, and throttled events.

Add any ID for the sake of assignment. Now let's take a backup.

The screenshot shows the 'Create item' form in the Amazon DynamoDB console. The form is titled 'Create item' and has a 'Form' tab selected. It includes a section for 'Attributes' with a table for adding new attributes. The table has columns for 'Attribute name', 'Value', and 'Type'. A new attribute is being added with the name 'ID - Partition key', the value '248984631233', and the type 'String'. The 'Create item' button is highlighted in orange. The form also includes a 'Cancel' button and a 'JSON view' tab.

Click on Backups and choose create backup.

The screenshot shows the AWS Management Console for a DynamoDB table named 'for-assignment'. The 'Backups' tab is active, displaying a message about Point-in-time recovery (PITR) and a list of backups. The 'Create backup' button is highlighted in the 'Backups (0)' section.

for-assignment

Overview | Indexes | Monitor | Global tables | **Backups** | Exports and streams | Additional settings

Point-in-time recovery (PITR) [Info](#)
Point-in-time recovery provides continuous backups of your DynamoDB data for 35 days to help you protect against accidental write or deletes. Additional charges apply. See [Amazon DynamoDB pricing](#).

Status: Disabled

⚠ Your table data is not being protected by point-in-time recovery, and it cannot be recovered if it is deleted or overwritten accidentally. We strongly recommend enabling this to prevent data loss. Additional charges apply. [Learn more](#)

Backups (0) [Info](#) [View details](#) [Restore](#) [Copy](#) [Delete](#) [Create backup](#)

[Create on-demand backup](#) [Schedule backups](#)

[Find backups by ARN or name](#)

Name	Status	Creation time	ARN	Size	Type
No backups					

Create a backup to save your data.

[Create backup](#)

Let the settings be default and create a backup.

The screenshot shows the 'Create on-demand backup' page in the AWS Management Console. The 'Default settings' are selected, and the 'Create backup' button is highlighted.

Create on-demand backup

Create a one-time snapshot backup of your table. Schedule automatic backups of your table in [AWS Backup](#).

Source table [Info](#)

Source table: for-assignment

Backup settings [Info](#)
A backup name will be created automatically.

☒ **Default settings**
Create a backup that stays in warm storage.

☐ **Customize settings**
Create a backup that can transition to cold storage and be deleted as it ages.

Backup window Start in 1 hour	Backup management AWS Backup	Transition to cold storage Never
Retention period Always	Backup vault Default	IAM Role AWSBackupDefaultServiceRole

Tags - optional
AWS Backup copies tags from the DynamoDB table to the recovery point upon creation. You can specify additional tags to add to the recovery point.

No tags are associated with the resource.

[Add new tag](#)
You can add 50 more tags.

[Cancel](#) [Create backup](#)

Wait for the backup to be created.

Share your feedback on Amazon DynamoDB

Your feedback is an important part of helping us provide a better customer experience. Take this short survey to let us know how we're doing.

The request to create an on-demand backup for table-for-assignment has been submitted successfully. View backup job details in AWS Backup.

DynamoDB > Backups

Backups

Backup settings - new

Settings apply to new backups in this account and Region.

Advanced Features with AWS Backup

Enabled

Allow options for cross-Region and cross-account copy, cost allocation tags, and cold storage tiering for backups.

Backups (0)

Schedule automatic backups and view backup job details in AWS Backup

Find backups by ARN or name

Name	Table	Status	Creation time	ARN	Size	Type
No backups						

Create a backup to save your data.

Create backup

Your backup has been created.

Share your feedback on Amazon DynamoDB

Your feedback is an important part of helping us provide a better customer experience. Take this short survey to let us know how we're doing.

DynamoDB > Tables > for-assignment

Tables (1)

Any table tag

Find tables by table name

for-assignment

for-assignment

Overview | Indexes | Monitor | Global tables | Backups | Exports and streams | Additional settings

Point-in-time recovery (PITR)

Point-in-time recovery provides continuous backups of your DynamoDB data for 35 days to help you protect against accidental write or deletes. Additional charges apply. See Amazon DynamoDB pricing

Edit

Status

Disabled

Your table data is not being protected by point-in-time recovery, and it cannot be recovered if it is deleted or overwritten accidentally. We strongly recommend enabling this to prevent data loss. Additional charges apply. Learn more

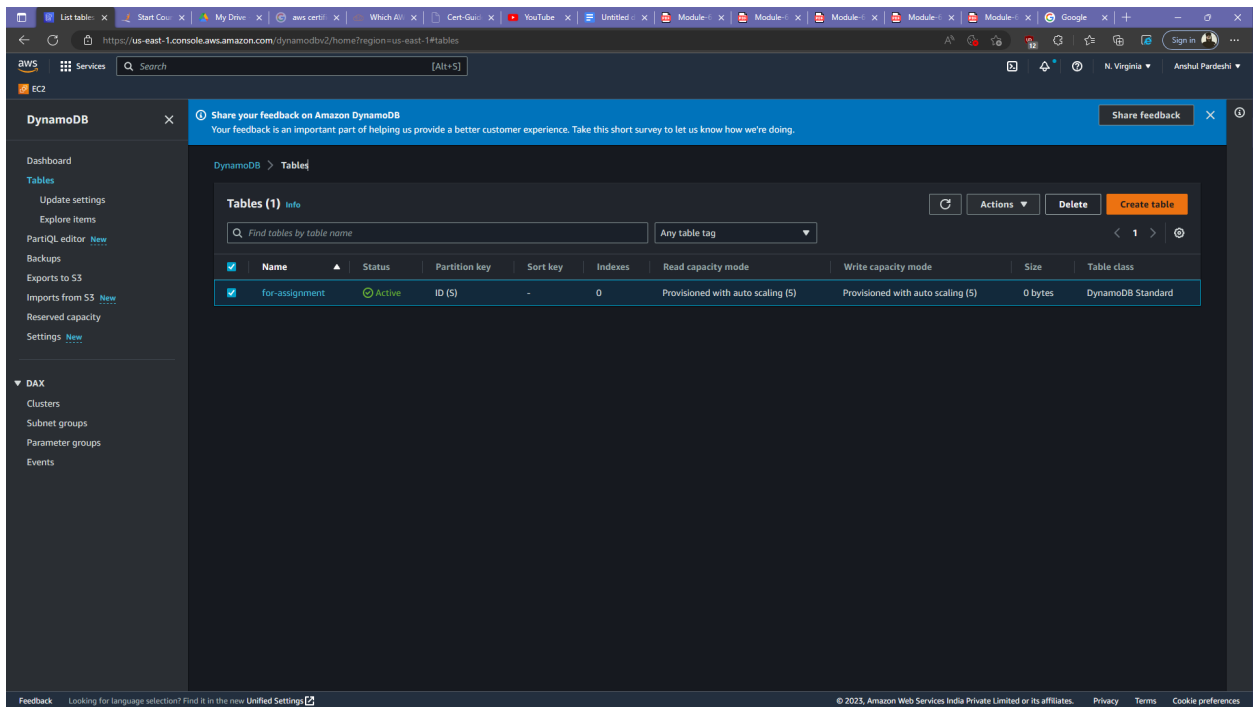
Backups (1/1)

Schedule automatic backups and view backup job details in AWS Backup

Find backups by ARN or name

Name	Status	Creation time	ARN	Size	Type
b4ddc257-5cd42-4251-...	Available	January 9, 2023, 14:4...	arn:aws:backup:us-east-1:99	0 bytes	AWS_BACKUP

Time to delete the DynamoDB table. Select the table and delete it.



The screenshot shows the AWS Management Console for DynamoDB. The left sidebar contains navigation links for Dashboard, Tables, Update settings, Explore items, PartiQL editor, Backups, Exports to S3, Imports from S3, Reserved capacity, and Settings. The main content area displays the 'Tables (1)' list. A table named 'for-assignment' is listed with a status of 'Active'. The 'Delete' button is visible in the top right of the table list.

Tables (1)

<input checked="" type="checkbox"/>	Name	Status	Partition key	Sort key	Indexes	Read capacity mode	Write capacity mode	Size	Table class
<input checked="" type="checkbox"/>	for-assignment	Active	ID (S)	-	0	Provisioned with auto scaling (5)	Provisioned with auto scaling (5)	0 bytes	DynamoDB Standard

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