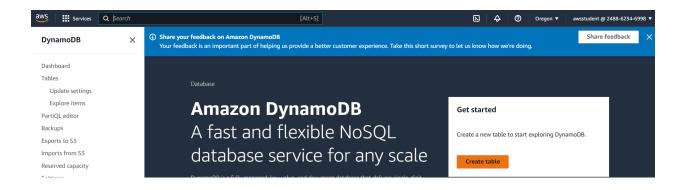
Introduction to Amazon DynamoDB

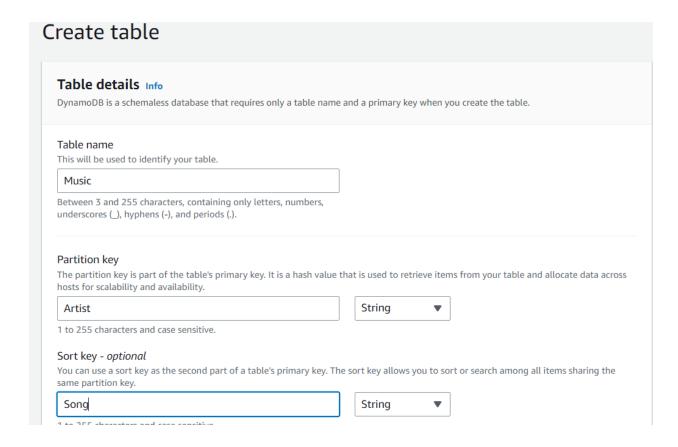
Objectives

After completing this lab, you will be able to:

- Create an Amazon DynamoDB table.
- · Enter data into an Amazon DynamoDB table.
- Query an Amazon DynamoDB table.
- Delete an Amazon DynamoDB table.

Task 1: Create a new table

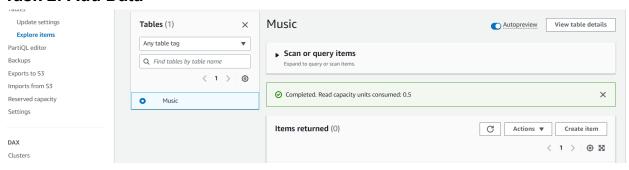




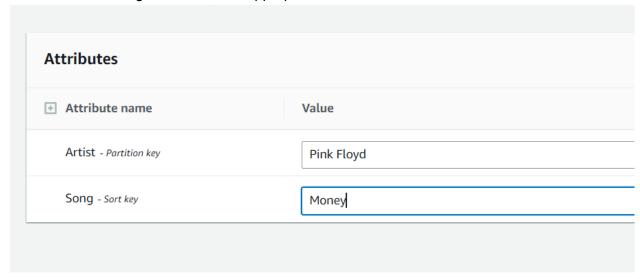
Here's our table:



Task 2: Add Data



We add the following attributes, with appropriate values to the table Music:

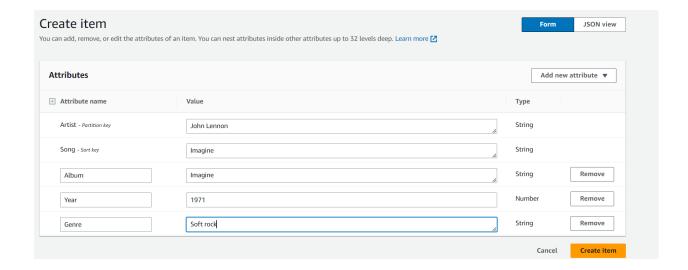


We add 2 optional attributes:



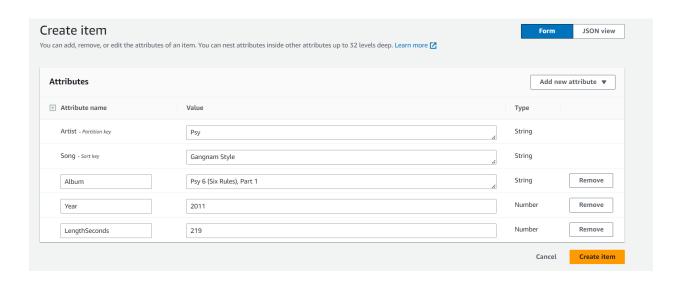
Creating a second item with the following attributes:

Attribute Name	Attribute Type	Attribute Value
Artist	String	John Lennon
Song	String	Imagine
Album	String	Imagine
Year	Number	1971
Genre	String	Soft rock

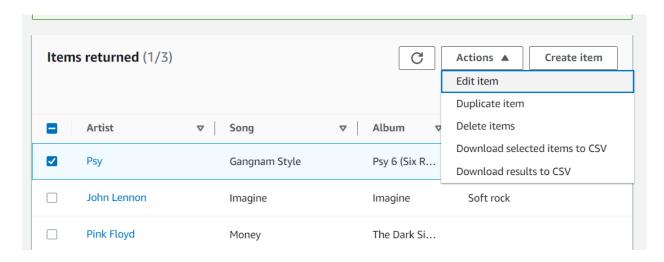


Creating a 3rd item with the following attributes and values:

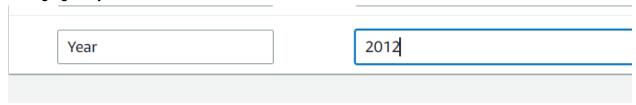
Attribute Name	Attribute Type	Attribute Value
Artist	String	Psy
Song	String	Gangnam Style
Album	String	Psy 6 (Six Rules), Part 1
Year	Number	2011
LengthSeconds	Number	219



Task 3: Modify an existing item

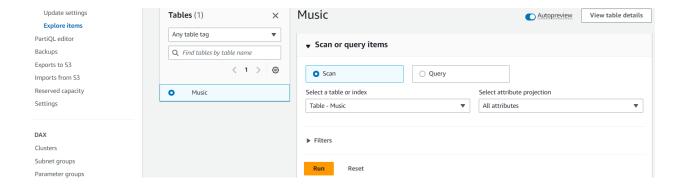


Changing the year attribute to 2012

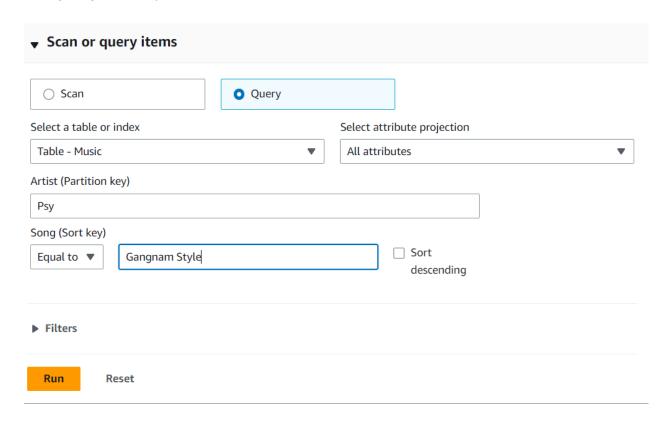


Task 4: Query the Table

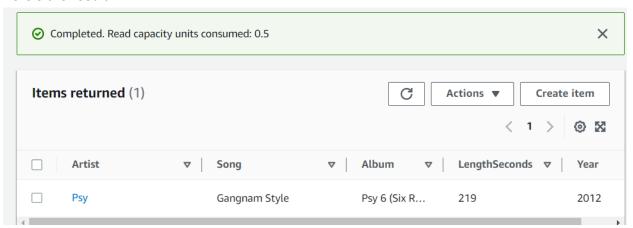
- 2 ways to query a DynamoDB table - Query and Scan



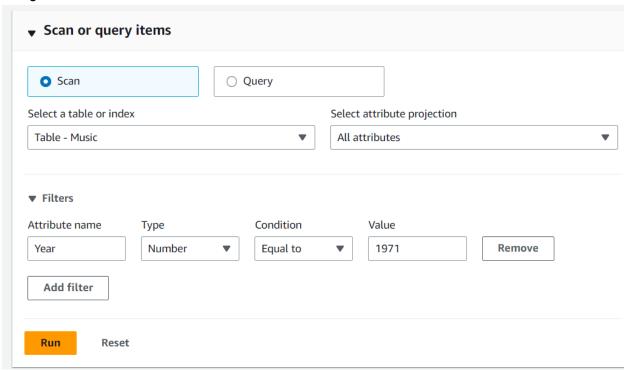
Configuring the query:



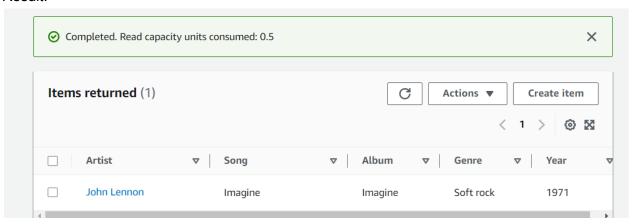
Here's the result:



Using the Scan method:



Result:



Task 5: Delete the table

