CLOUD COMPUTING LAB UE20CS351

Experiment 3: - Introduction to Amazon DynamoDB

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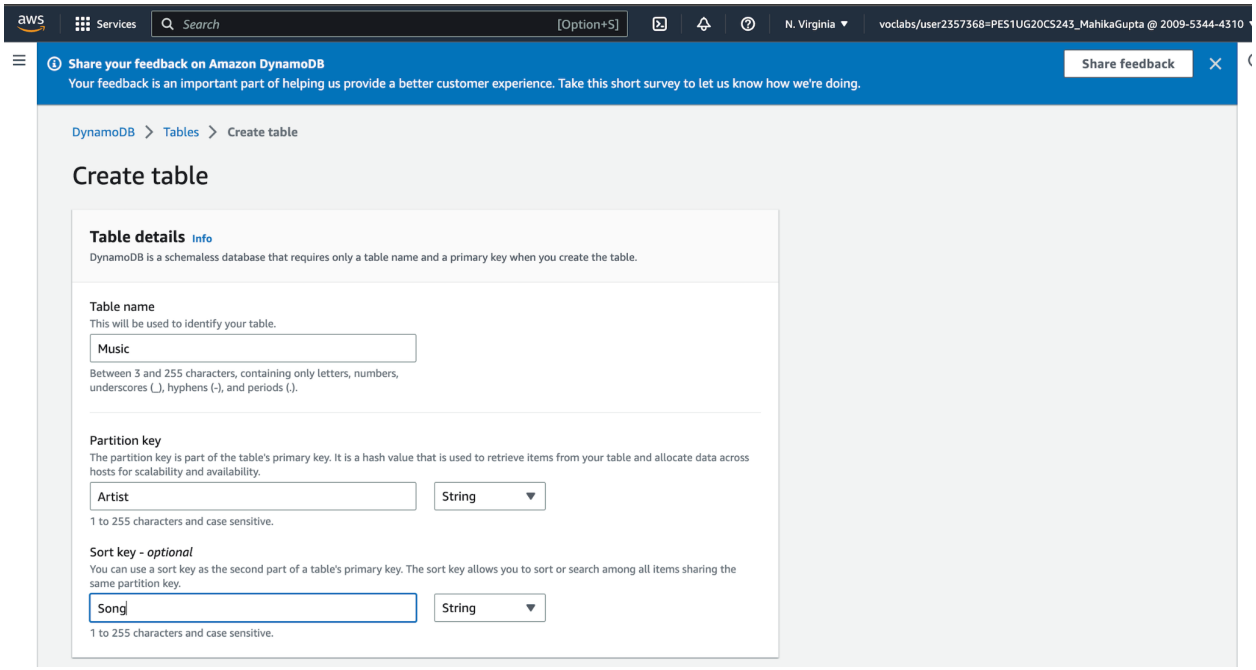
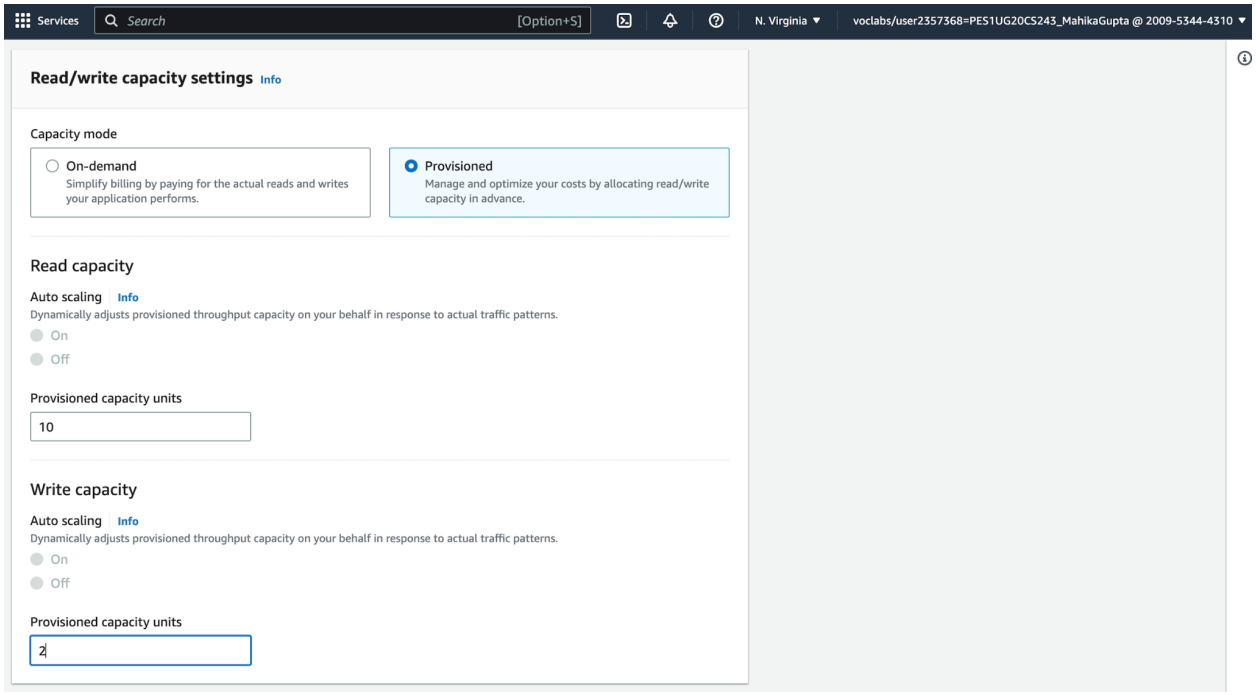
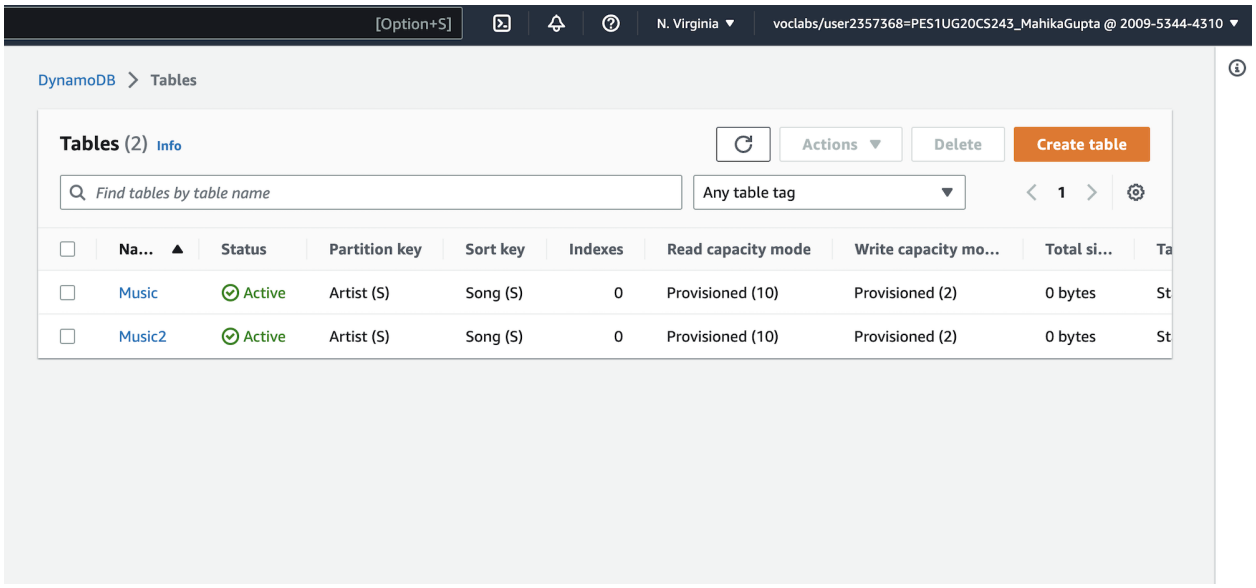
Deliverables:

The following screenshots are to be submitted:

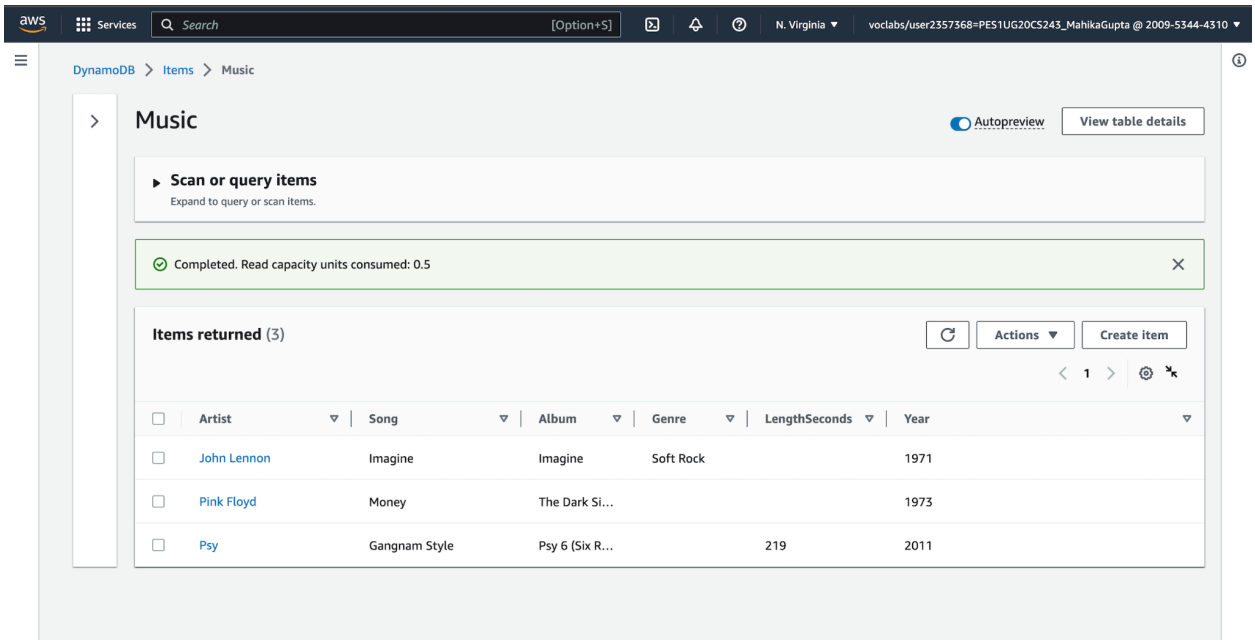
- Screenshot 1a: Creation of table (1 mark)



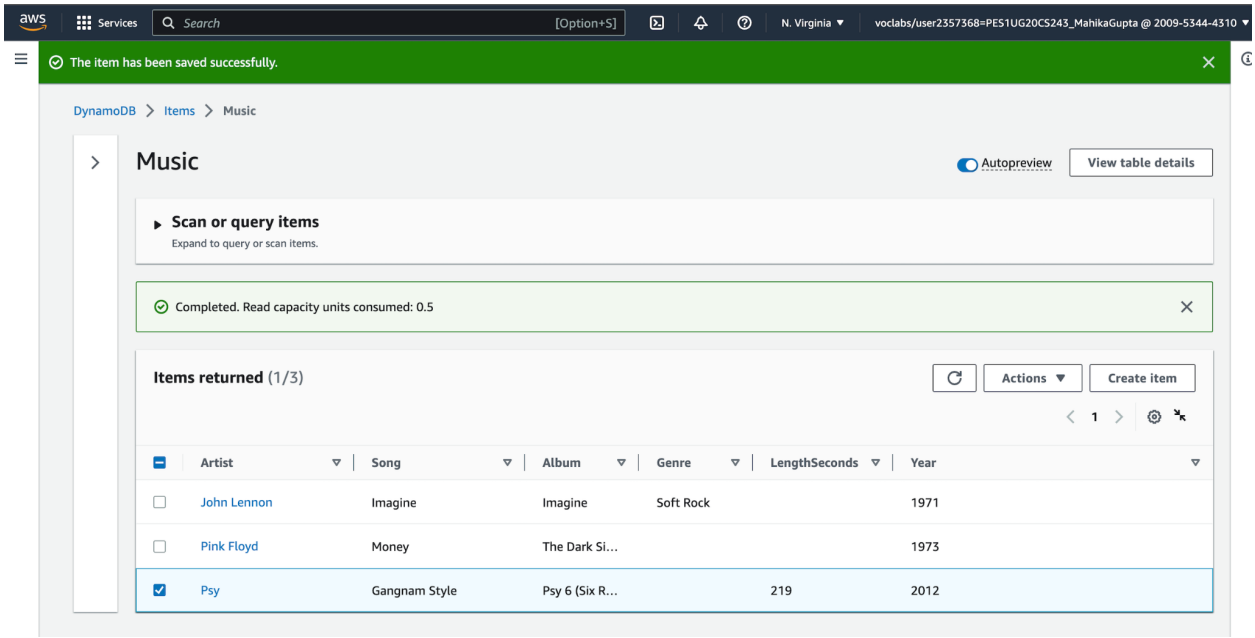

Services
Search
[Option+S]
N. Virginia
voclabs/user2357368=PES1UG20CS243_MahikaGupta @ 2009-5344-4310
Read/write capacity settings Info
Capacity mode
On-demand
Simplify billing by paying for the actual reads and writes your application performs.
Provisioned
Manage and optimize your costs by allocating 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
Provisioned capacity units
10
Write capacity
Auto scaling Info
Dynamically adjusts provisioned throughput capacity on your behalf in response to actual traffic patterns.
On
Off
Provisioned capacity units
2


[Option+S]
N. Virginia
voclabs/user2357368=PES1UG20CS243_MahikaGupta @ 2009-5344-4310
DynamoDB > Tables
Tables (2) Info
Actions
Delete
Create table
Find tables by table name
Any table tag
1
Na...
Status
Partition key
Sort key
Indexes
Read capacity mode
Write capacity mo...
Total si...
Music
Active
Artist (S)
Song (S)
0
Provisioned (10)
Provisioned (2)
0 bytes
Music2
Active
Artist (S)
Song (S)
0
Provisioned (10)
Provisioned (2)
0 bytes

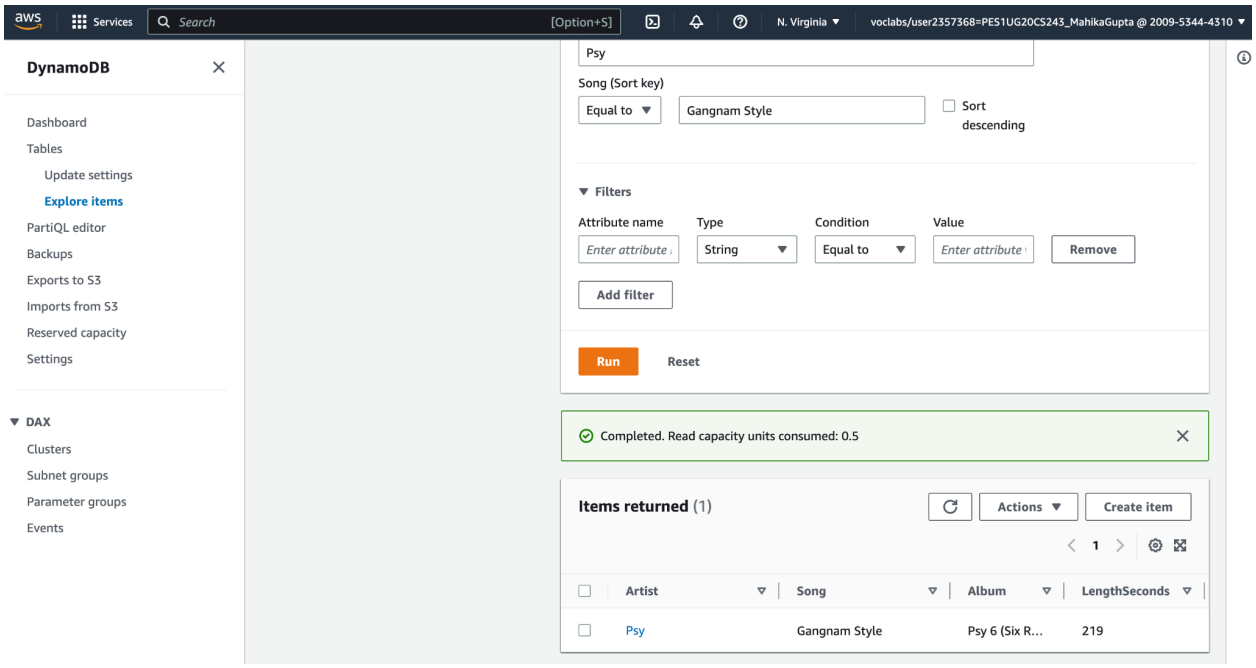
● Screenshot 2a: Show the inserted entries in table (Make sure the Items returned table is expanded such that all fields are shown and the name of the Table is also visible to the left) (2 marks)



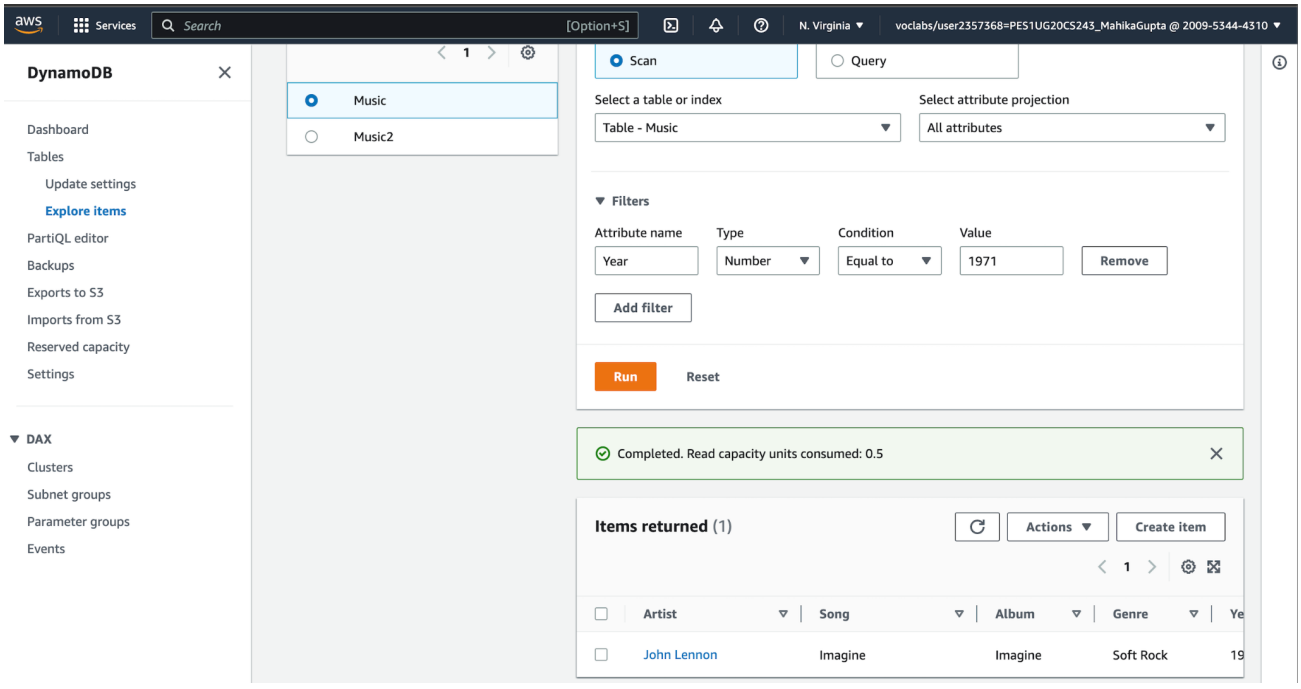
● Screenshot 3a: Show the entries post update (Make sure the Items returned table is expanded such that all fields are shown and the name of the Table is also visible to the left) (2 marks)



● Screenshot 4a: Result of the query Artist (Partition key): Psy, Song (Sort key): Equal to Gangnam Style (Make sure both the query parameters filled are visible along with the result of the query) (2 marks)



● Screenshot 4b: Result of Scan filter (Make sure the ‘Scan’ radio button selection, Attribute name and the result are present in the screenshot) (2 marks)



- Screenshot 5a: Data after deletion of an item from the table (1 mark)