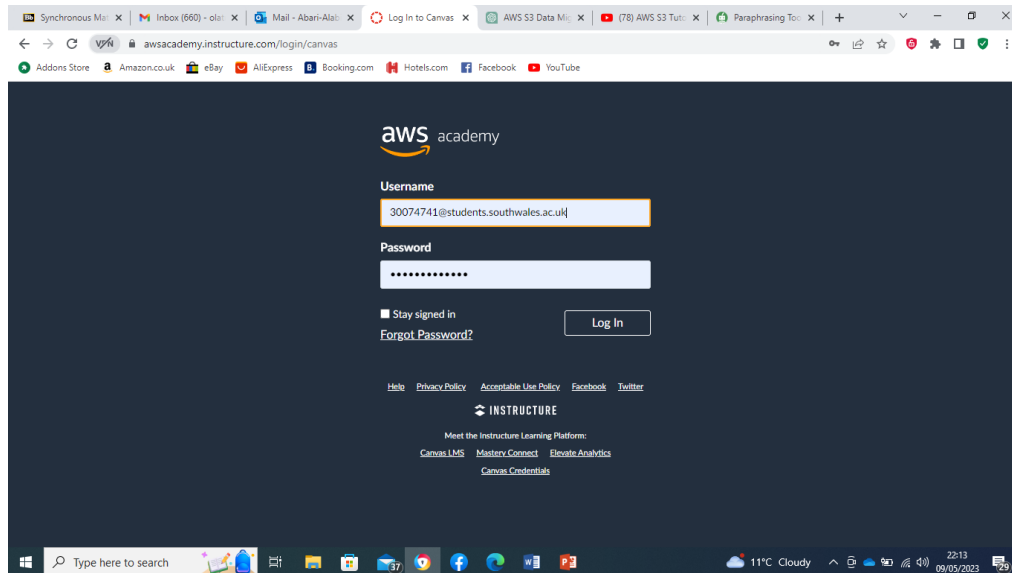
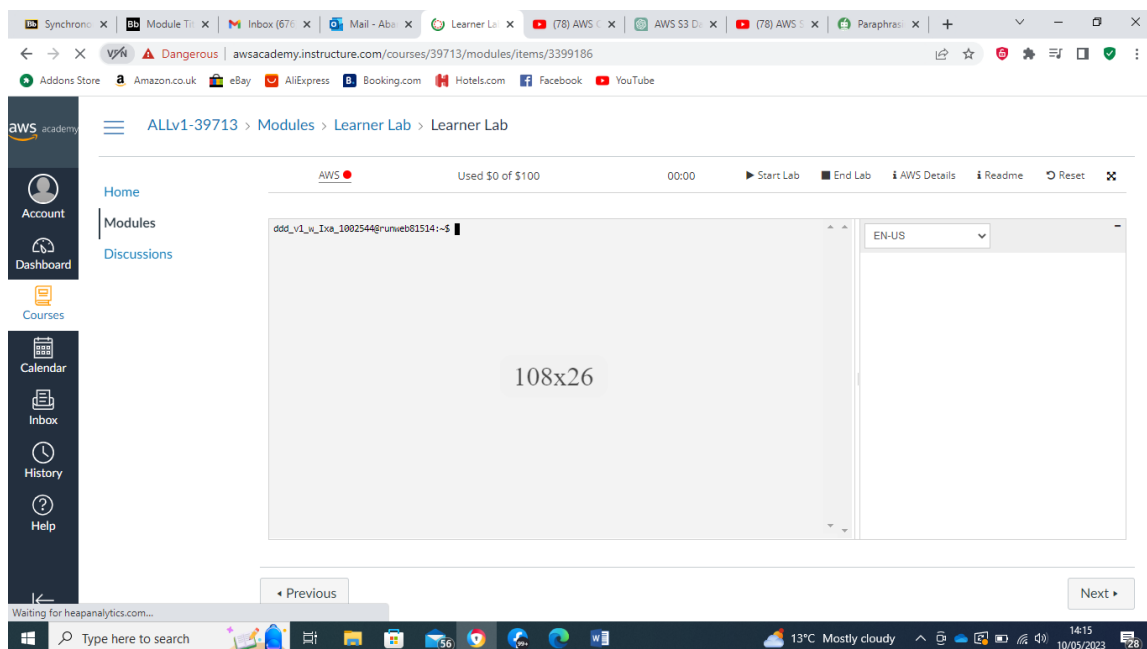


Step-By-Step Guide: Using the Scan/Query Functionality To Query DynamoDB Table, Download and Upload in S3 Bucket

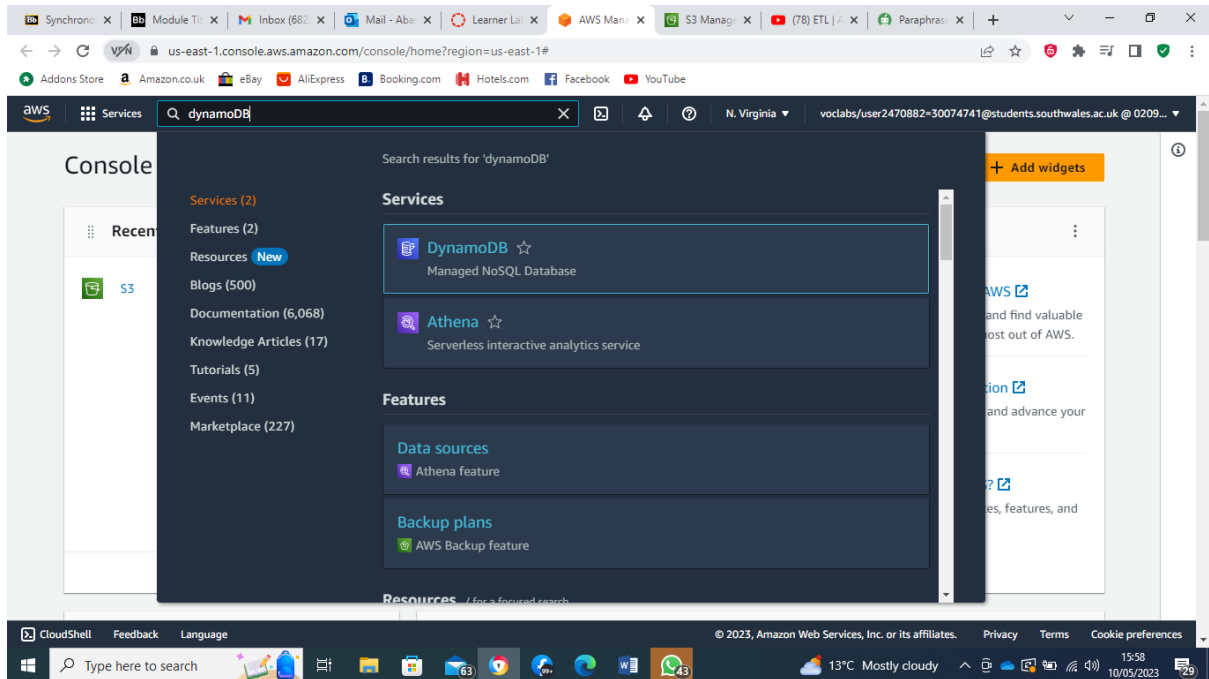
1. Open an AWS website and Click "Log in" on the AWS website. Sign-in with your credentials given to you by your administrator



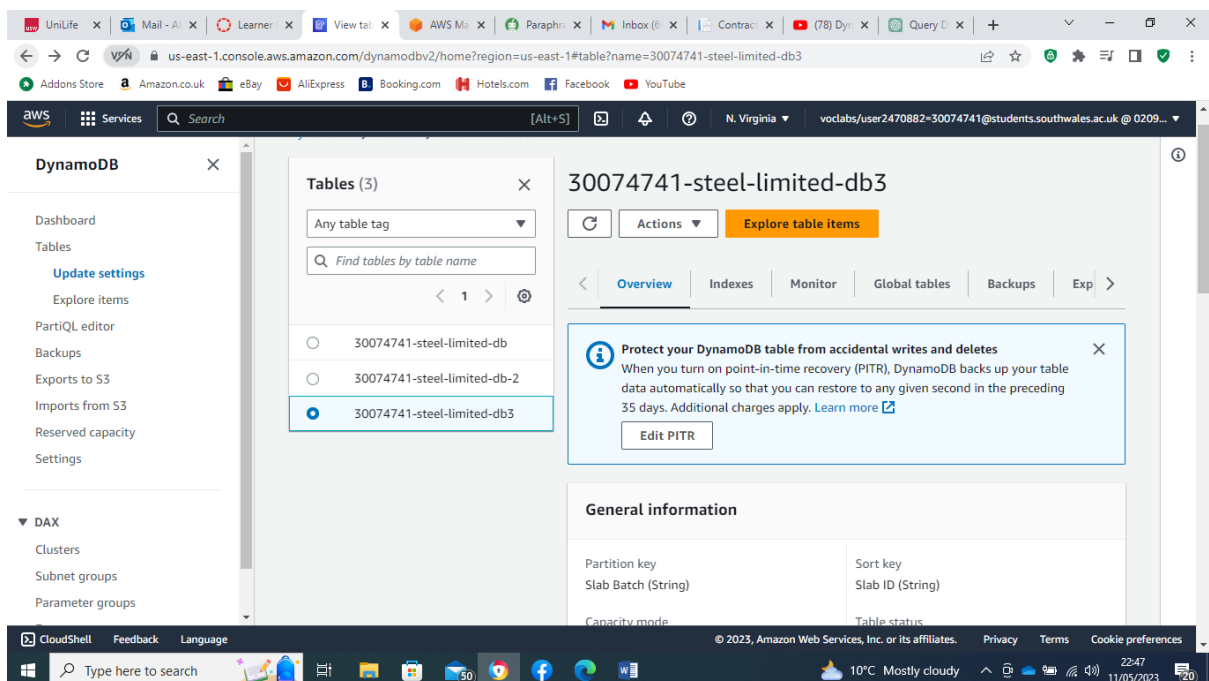
2. Access the AWS Management Console by choosing 'Start Lab' to launch your lab. Wait until you see the message "Lab status: ready". At the top of your screen, click 'AWS', this will open the AWS Management Console in a new browser tab.



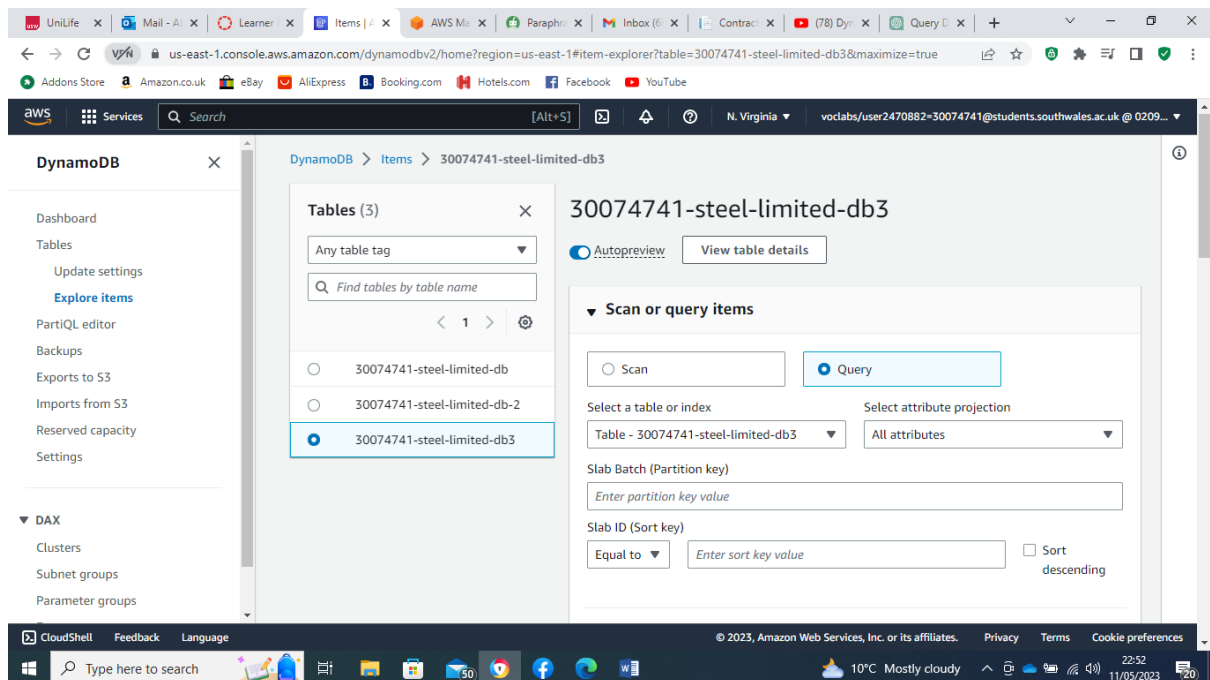
3. After logging in, go to the AWS service. DynamoDB can be found in the "Storage & Content Delivery" section of the AWS console or by typing "DynamoDB" into the search bar at the top of the page.



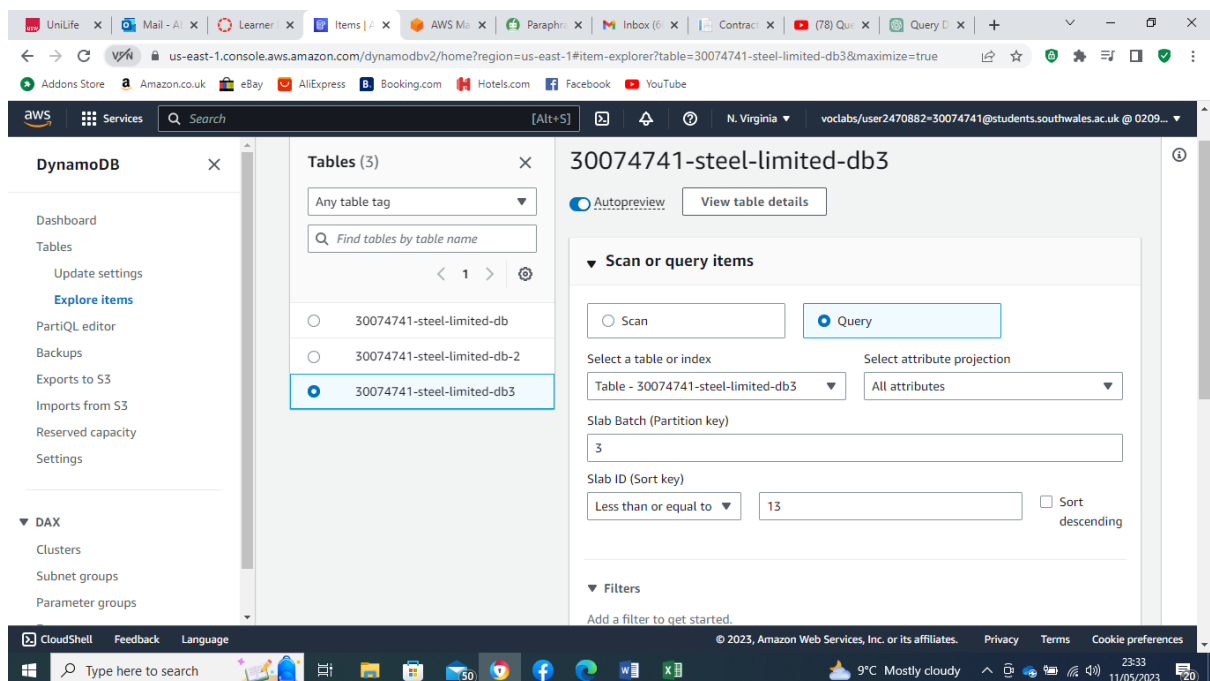
3. In the left pane, select the table you want to query and click "Explore table items".



4. Click the "Query" or "Scan" button (depending on your preferred) at the top of the table's page.



5. In the "Query" dialog box, specify the query criteria and the required fields.



Query 1: The first three Slabs ID's of Slab Batch 3

us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#item-explorer?table=30074741-steel-limited-db3&maximize=true

Services Search [Alt+S] N. Virginia voclabs/user2470882=30074741@students.southwales.ac.uk @ 0209...

DynamoDB

- Dashboard
- Tables
 - Update settings
 - Explore items
 - PartiQL editor
 - Backups
 - Exports to S3
 - Imports from S3
 - Reserved capacity
 - Settings
- ▼ DAX
 - Clusters
 - Subnet groups
 - Parameter groups

Tables (3)

Any table tag

Find tables by table name

< 1 > ⚙

- ☐ 30074741-steel-limited-db
- ☐ 30074741-steel-limited-db-2
- ☒ 30074741-steel-limited-db3

30074741-steel-limited-db3

Autopreview View table details

Scan or query items

☐ Scan ☒ Query

Select a table or index: Table - 30074741-steel-limited-db3

Select attribute projection: All attributes

Slab Batch (Partition key): 3

Slab ID (Sort key): Less than or equal to 13 ☐ Sort descending

▼ Filters

Add a filter to get started.

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23:33 11/05/2023

us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#item-explorer?table=30074741-steel-limited-db3&maximize=true

Services Search [Alt+S] N. Virginia voclabs/user2470882=30074741@students.southwales.ac.uk @ 0209...

DynamoDB

- Dashboard
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 - Imports from S3
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- ▼ DAX
 - Clusters
 - Subnet groups
 - Parameter groups

Add filter

Run Reset

Completed. Read capacity units consumed: 0.5

Items returned (3)

⌂ Actions ▼ Create item

< 1 > ⚙

<input type="checkbox"/>	Slab Batch	Slab ID	C	Grade M
<input type="checkbox"/>	3	11	0.12	3141
<input type="checkbox"/>	3	12	0.121	3141
<input type="checkbox"/>	3	13	0.122	3141

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23:39 11/05/2023

Query 2: The slabs which were ordered to Grade 3140

us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#item-explorer?table=30074741-steel-limited-db3

Services Search [Alt+S] N. Virginia voclabs/user2470882=30074741@students.southwales.ac.uk @ 0209...

DynamoDB

- Dashboard
- Tables
 - Update settings
 - Explore items
 - PartiQL editor
 - Backups
 - Exports to S3
 - Imports from S3
 - Reserved capacity
 - Settings
- DAX
 - Clusters

Find tables by table name

- 30074741-steel-limited-db
- 30074741-steel-limited-db-2
- 30074741-steel-limited-db3**

Scan or query items

☒ Scan ☐ Query

Select a table or index: Table - 30074741-steel-limited-db3

Select attribute projection: All attributes

Filters

Attribute name: Grade Ordered Type: String

Condition: Equal to Value: 3140

Remove

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results.csv Verified Show all

Type here to search Humid 00:21 12/05/2023

us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#item-explorer?table=30074741-steel-limited-db3

Services Search [Alt+S] N. Virginia voclabs/user2470882=30074741@students.southwales.ac.uk @ 0209...

DynamoDB

- Dashboard
- Tables
 - Update settings
 - Explore items
 - PartiQL editor
 - Backups
 - Exports to S3
 - Imports from S3
 - Reserved capacity
 - Settings
- DAX
 - Clusters

Completed. Read capacity units consumed: 3.5

Items returned (10)

Slab ID	C	Grade Made	Grade Ordered
16	0.08	3140	3140
17	0.08	3140	3140
18	0.09	3140	3140
19	0.08	3140	3140
20	0.08	3140	3140

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Query3: The slabs where P is less than or equal to 0.007

us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#item-explorer?table=30074741-steel-limited-db3

Services Search [Alt+S]

DynamoDB

- Dashboard
- Tables
 - Update settings
 - Explore items
 - PartiQL editor
 - Backups
 - Exports to S3
 - Imports from S3
 - Reserved capacity
 - Settings
- DAX
 - Clusters

30074741-steel-limited-db

30074741-steel-limited-db-2

30074741-steel-limited-db3

Scan or query items

☒ Scan ☐ Query

Select a table or index: Table - 30074741-steel-limited-db3

Select attribute projection: All attributes

Filters

Attribute name: P Type: String

Condition: Less than or equal to Value: 0.007

Remove

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us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#item-explorer?table=30074741-steel-limited-db3

Services Search [Alt+S]

DynamoDB

- Dashboard
- Tables
 - Update settings
 - Explore items
 - PartiQL editor
 - Backups
 - Exports to S3
 - Imports from S3
 - Reserved capacity
 - Settings
- DAX
 - Clusters

Completed. Read capacity units consumed: 3.5

Items returned (15)

Actions Create item

Grade Made	Grade Ordered	P	S	S
3815	3816	0.004	0.01	0
3815	3816	0.003	0.009	0
3815	3816	0.004	0.009	0
3815	3816	0.004	0.009	0
3815	3816	0.004	0.009	0

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Query4: Only the Slab ID's for where the C is less than or equal to 0.11

us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#item-explorer?table=30074741-steel-limited-db3

How would you rate your experience with this service console? ☆☆☆☆

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DynamoDB

- Dashboard
- Tables
 - Update settings
 - Explore items
 - PartiQL editor
 - Backups
 - Exports to S3
 - Imports from S3
 - Reserved capacity
 - Settings
- DAX

30074741-steel-limited-db
30074741-steel-limited-db-2
30074741-steel-limited-db3

Scan Query

Select a table or index: Table - 30074741-steel-limited-db3

Select attribute projection: Specific attributes

Specific attributes to project: Enter attribute name Add attribute

Slab ID C

Filters

Attribute name: C Type: String

Condition: Less than or equal to Value: 0.11

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us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#item-explorer?table=30074741-steel-limited-db3

How would you rate your experience with this service console? ☆☆☆☆

aws Services Search [Alt+S] N. Virginia voclabs/user2470882=30074741@students.southwales.ac.uk @ 0209...

DynamoDB

- Dashboard
- Tables
 - Update settings
 - Explore items
 - PartiQL editor
 - Backups
 - Exports to S3
 - Imports from S3
 - Reserved capacity
 - Settings
- DAX

Completed. Read capacity units consumed: 3.5

Items returned (14) Actions Create item

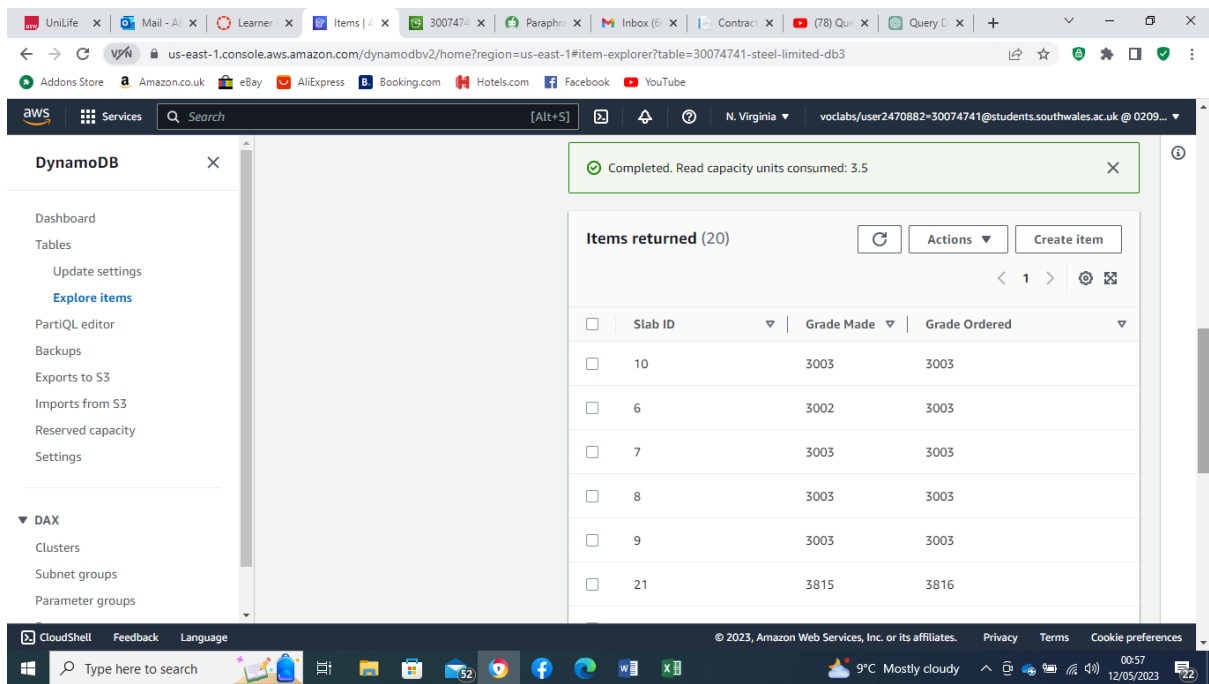
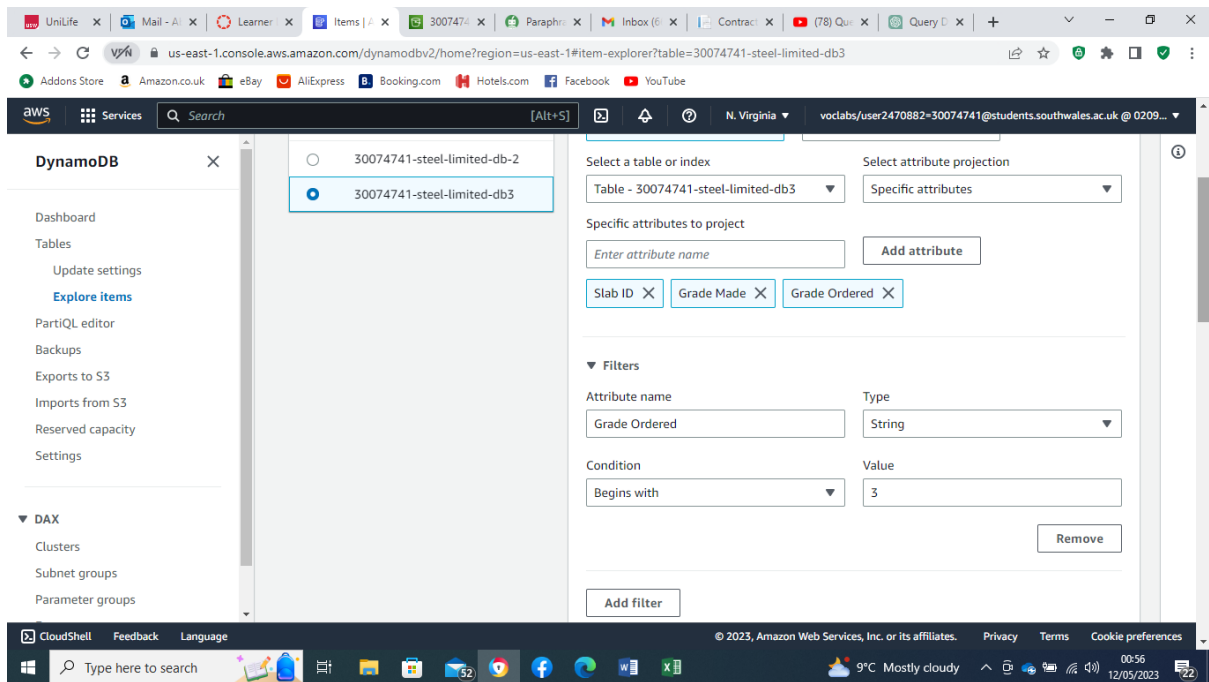
	Slab ID	C
<input type="checkbox"/>	1	0.103
<input type="checkbox"/>	2	0.108
<input type="checkbox"/>	3	0.105
<input type="checkbox"/>	4	0.106

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results.csv Verified results.csv Verified Show all

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Query5: Only the Slab ID & Grade Made for where the Grade Ordered starts with a 3.



S3 Bucket screen-shot where all the query results are stored.

UniLife xMail - A xLearner xItems x3007474 xParaphrase xInbox (6) xContract x(78) Query xQuery x

s3.console.aws.amazon.com/s3/buckets/30074741-steel-limited-bucket?region=us-east-1&tab=objects

Addons StoreAmazon.co.ukeBayAliExpressBooking.comHotels.comFacebookYouTube

awsServicesSearch[Alt+S]

Globalvoclabs/user2470882=30074741@students.southwales.ac.uk @ 0209...

30074741-steel-limited-bucketInfo

ObjectsPropertiesPermissionsMetricsManagementAccess Points

Objects (6)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

RefreshCopy S3 URICopy URLDownloadOpenDeleteActionsCreate folderUpload

Show versions1

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	30074741-query1.csv	csv	May 11, 2023, 23:52:11 (UTC+01:00)	173.0 B	Standard
<input type="checkbox"/>	30074741-Query2.csv	csv	May 12, 2023, 00:20:19 (UTC+01:00)	615.0 B	Standard
<input type="checkbox"/>	30074741-query3.csv	csv	May 12, 2023, 00:33:57 (UTC+01:00)	881.0 B	Standard
<input type="checkbox"/>	30074741-query4.csv	csv	May 12, 2023, 00:47:40 (UTC+01:00)	196.0 B	Standard

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9°C Mostly cloudy01:0212/05/2023