

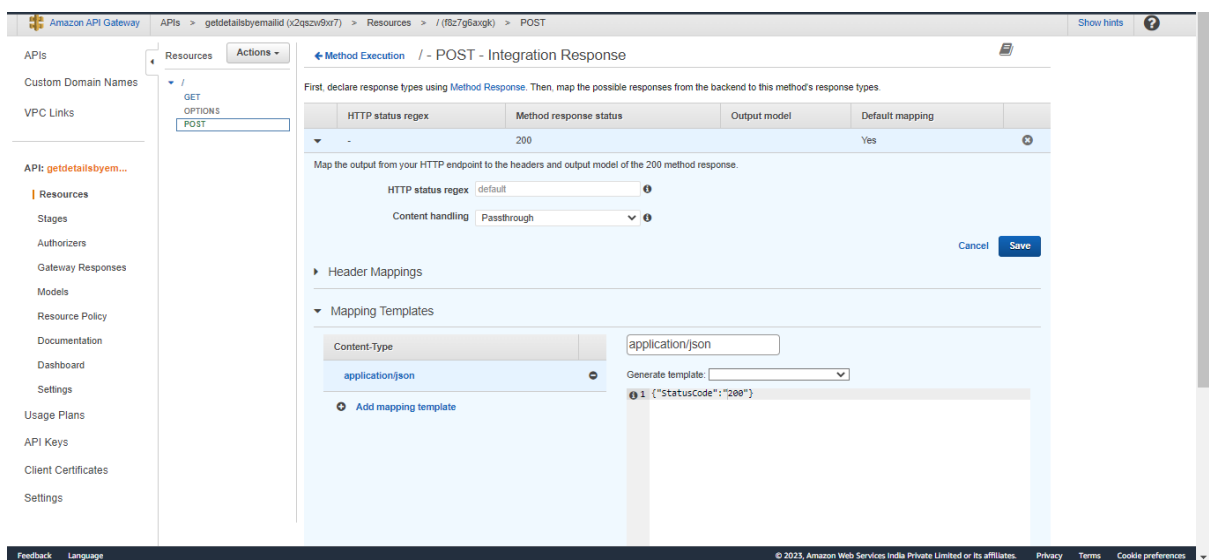
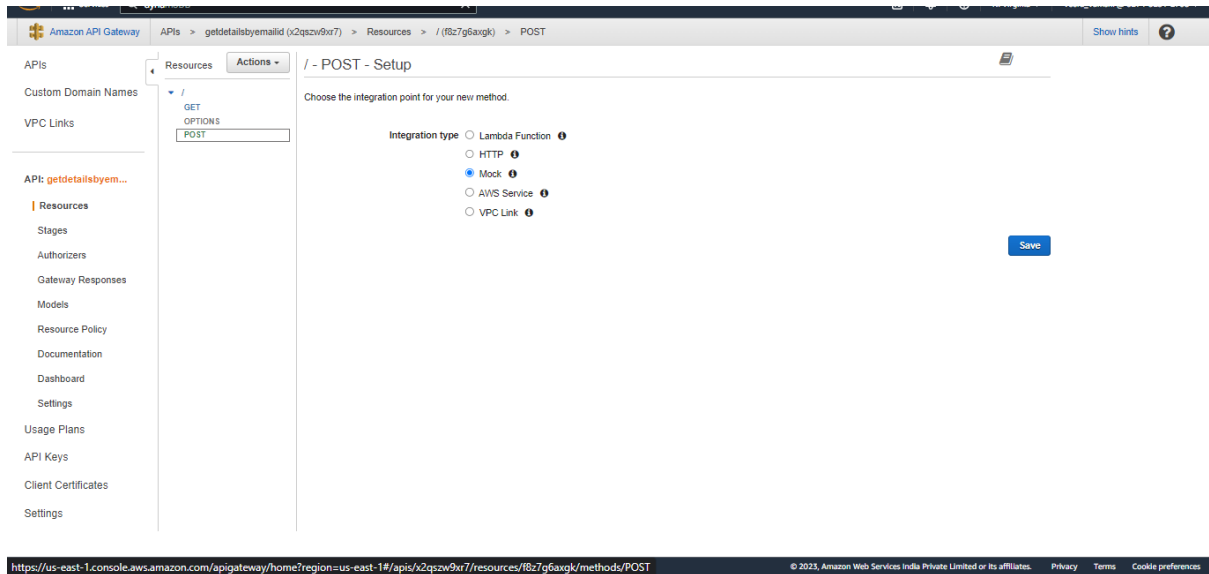
CSC SKILL – 08

Name: K.Nitin reddy

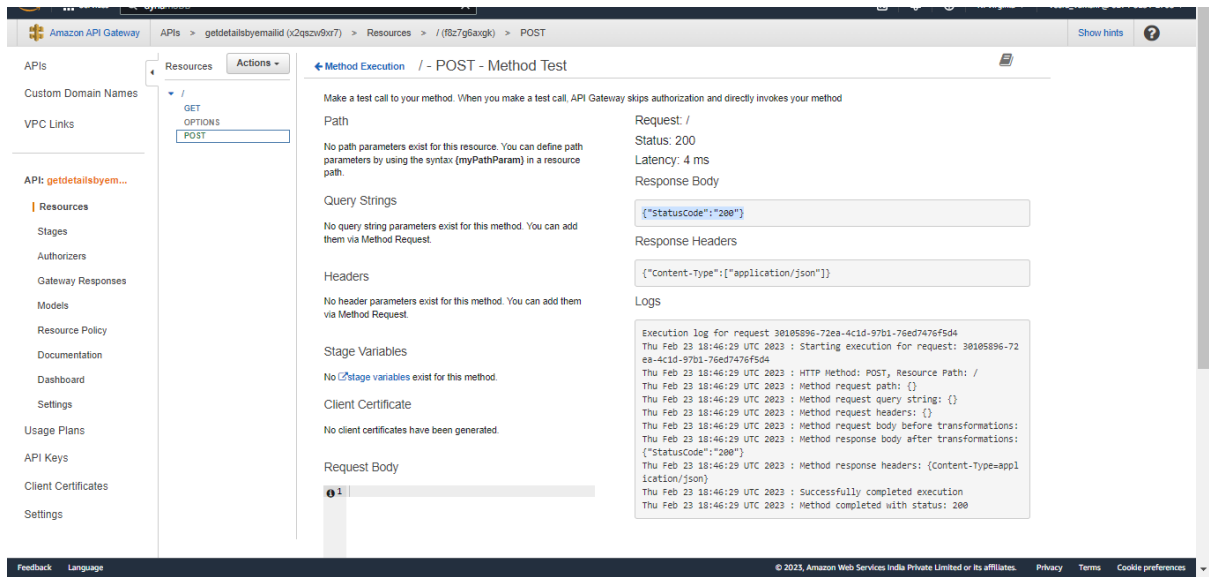
ID no: 2000030510

Sec: 13

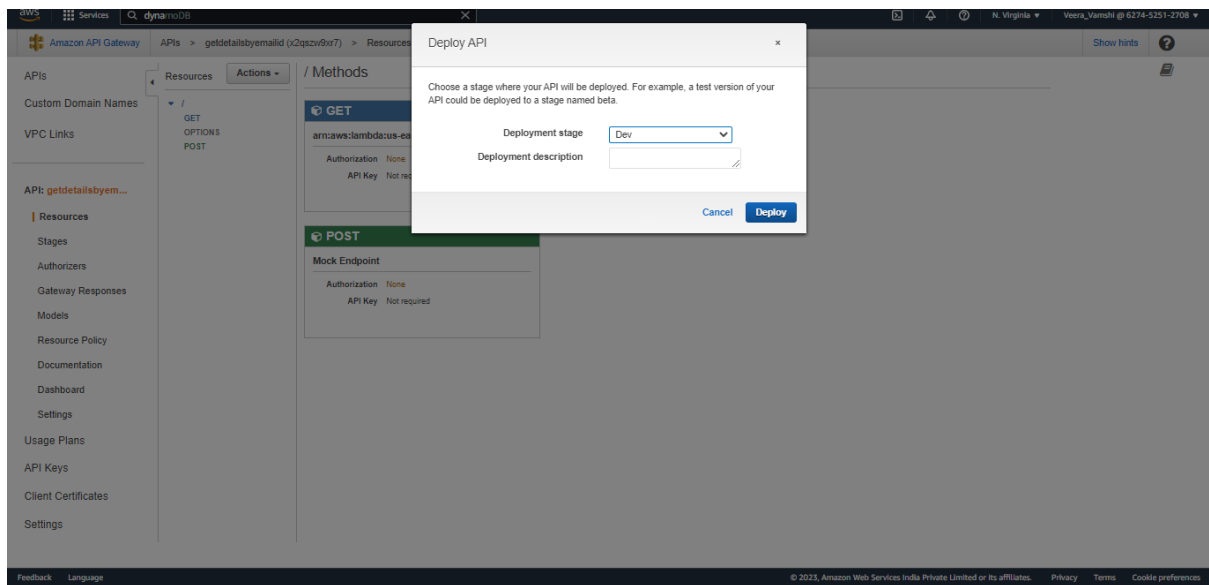
POST: Creating post method in API Gateway with MOCK:

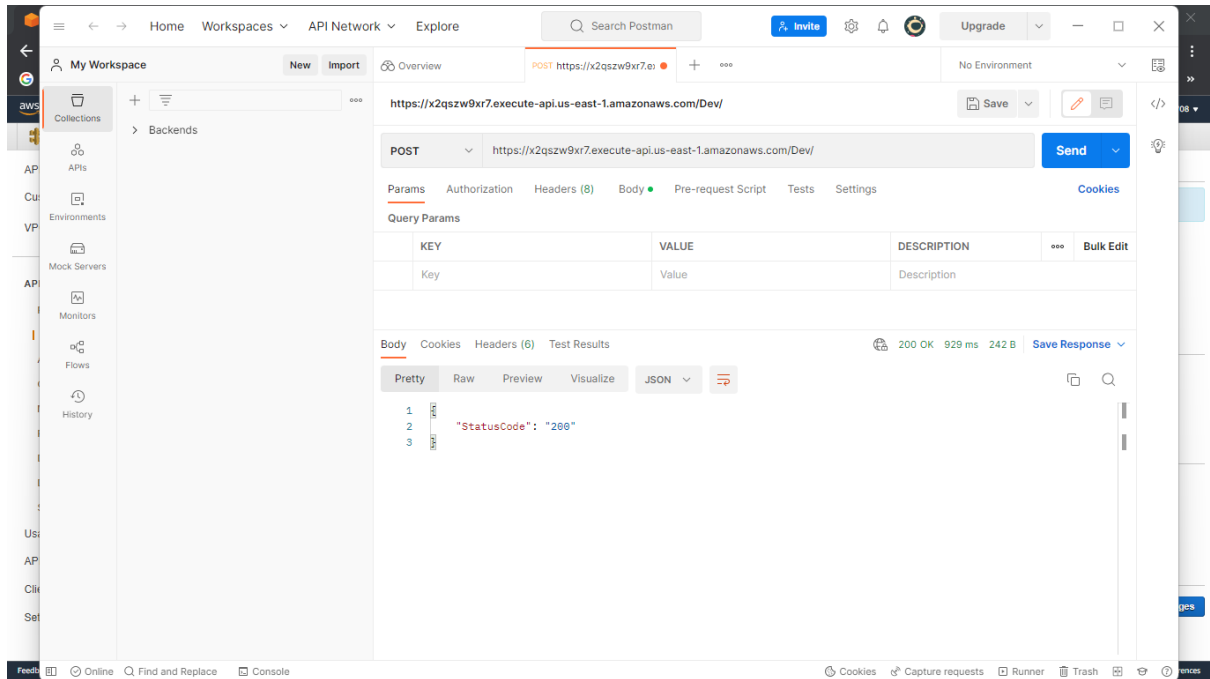


Testing it: perfect:

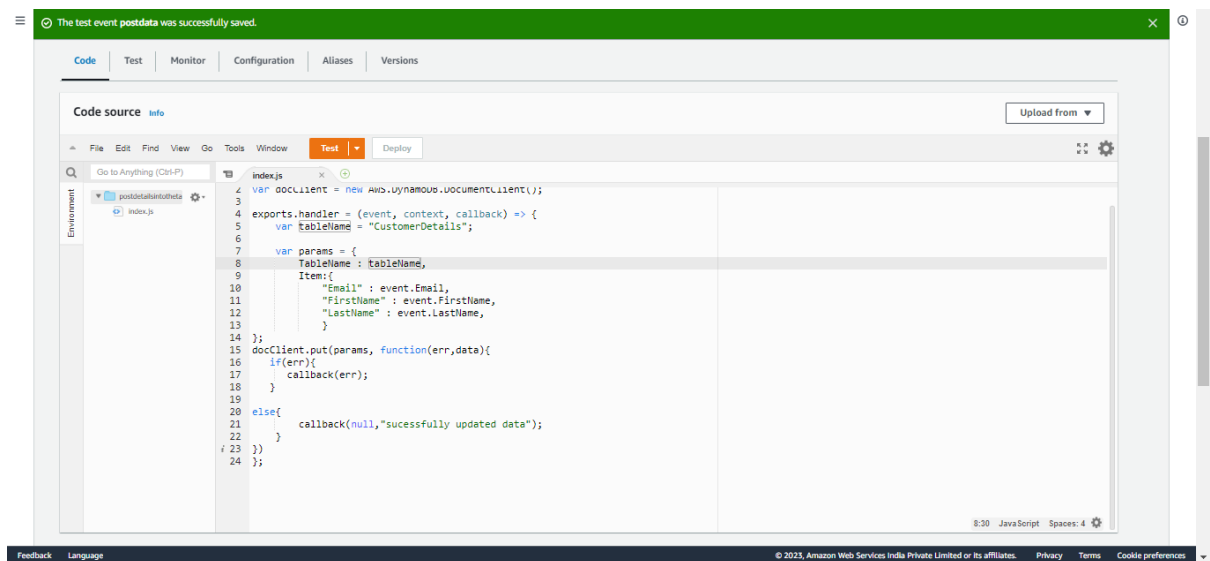


Deploy:





Step:02: With Lambda create a lambda fn and write the code as follows:



Tested:

The screenshot shows the AWS Lambda console for the 'postdata' function. The 'Test' tab is selected, displaying the execution results. The test event name is 'postdata', and the response is 'Successfully updated data'. The function logs show the start and end of the request, with a duration of 936.24 ms. The request ID is '882d057-fc21-43fc-a959-d2797bab1808'.

Code source info

File Edit Find View Go Tools Window Test Deploy

Go to Anything (Ctrl-P)

Environment

Execution results

Test Event Name

postdata

Status: Succeeded Max memory used: 78 MB Time: 936.24 ms

Response

"Successfully updated data"

Function Logs

START RequestId: 882d057-fc21-43fc-a959-d2797bab1808 Version: \$LATEST

END RequestId: 882d057-fc21-43fc-a959-d2797bab1808

REPORT RequestId: 882d057-fc21-43fc-a959-d2797bab1808 Duration: 936.24 ms Billed Duration: 937 ms Memory Size: 128 MB Max Memory Used: 78 MB Init Duration: 475.46 ms

Request ID

882d057-fc21-43fc-a959-d2797bab1808

Output:

The screenshot shows the AWS DynamoDB console for the 'CustomerDetails' table. The table contains 4 items, with the first item selected. The items are listed in a table with columns for Email, FirstName, and LastName.

DynamoDB

CustomerDetails

Tables (2)

Any table tag

Find tables by table name

CustomerDetails

weather

CustomerDetails

Scan or query items

Expanded to query or scan items.

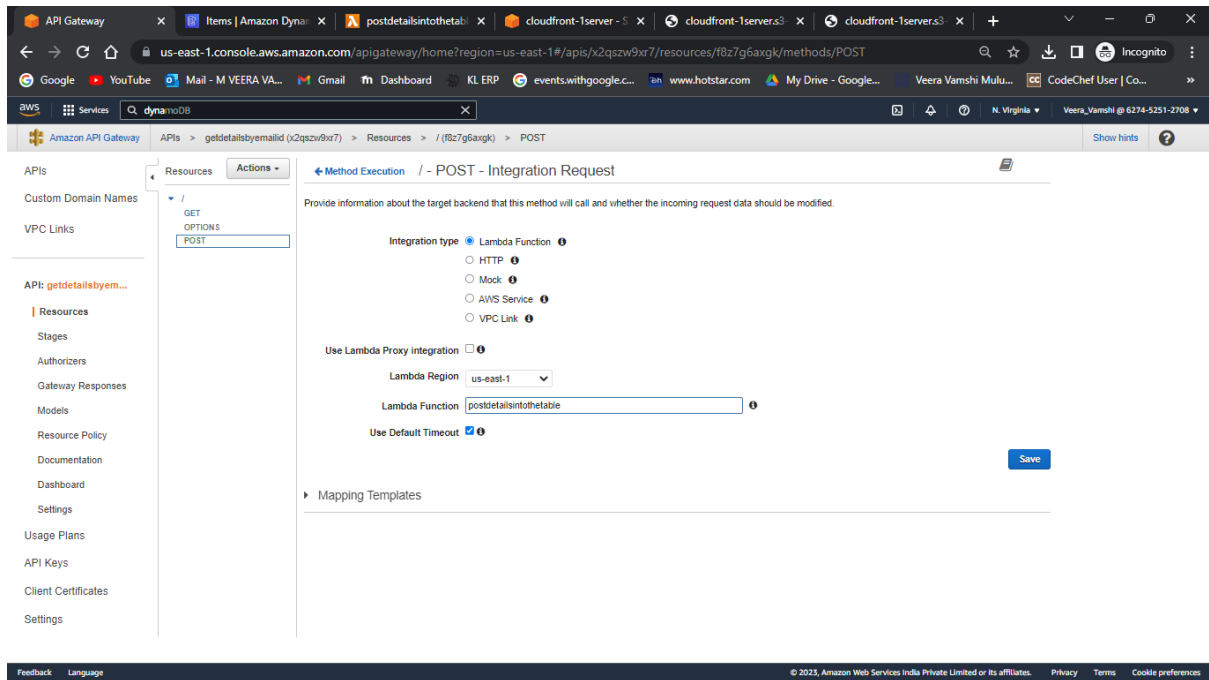
Completed. Read capacity units consumed: 0.5

Items returned (1/4)

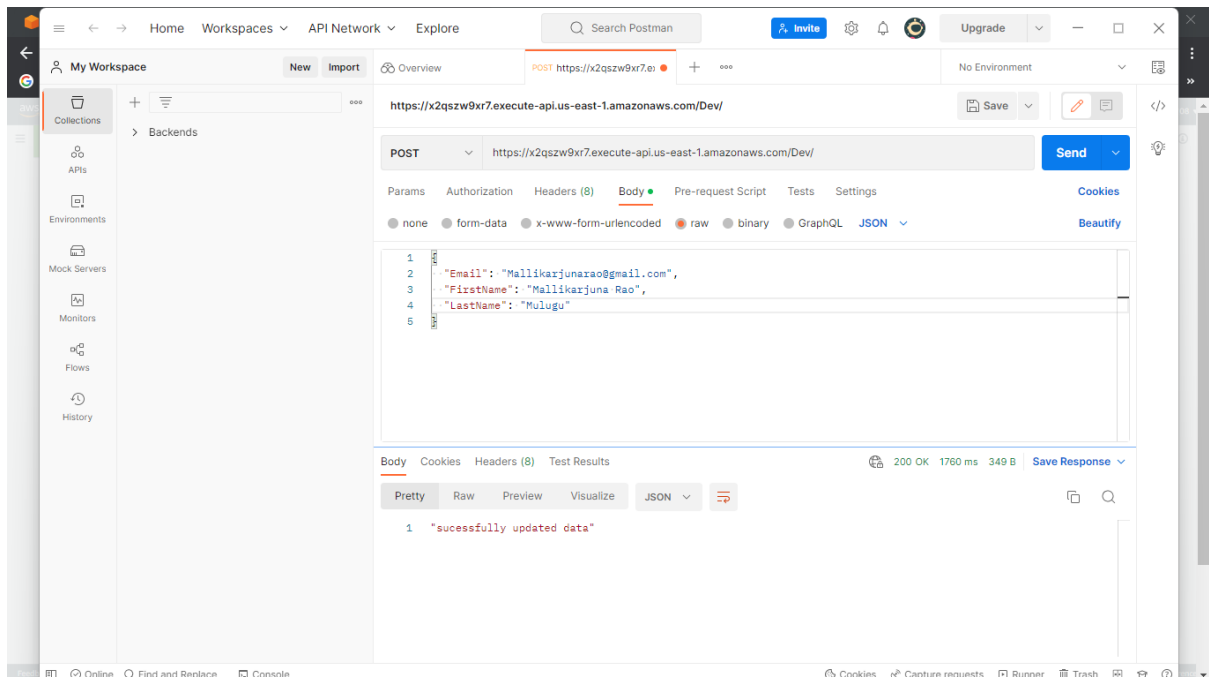
Actions Create item

	Email	FirstName	LastName
<input type="checkbox"/>	VeeraVamshi31504@gmail.com	Veera Vamshi	Mulugu
<input type="checkbox"/>	Veervamshimulugu@gmail.com	Vamshi	Mulugu
<input checked="" type="checkbox"/>	Pasyanthiravi@gmail.com	Pasyanthi	Kandimala
<input type="checkbox"/>	ChandanaBhimavarapu@gmail.com	Chandana	Bhimavarapu

Integrate lambda with post method:



Enable cors and deploy it and test on postman:



DynamoDB **CustomerDetails**

Tables (2)

- Any table tag
- Find tables by table name
- CustomerDetails
- weather

CustomerDetails

Scan or query items

Completed. Read capacity units consumed: 0.5

Items returned (1/6)

Email	FirstName	LastName
<input type="checkbox"/> VeeraVamshi31504@gmail.com	Veera Vamshi	Mulugu
<input type="checkbox"/> Veeravamshimulugu@gmail.com	Vamshi	Mulugu
<input type="checkbox"/> Pasyanthiravi@gmail.com	Pasyanthi	Kandimala
<input type="checkbox"/> Pasyanthiravi@gmail.com	Pasyanthi	Kandimala
<input type="checkbox"/> ChandanaBhimavarapu@gmail.com	Chandana	Bihmavarapu
<input checked="" type="checkbox"/> Mallikarjunarao@gmail.com	Mallikarjuna Rao	Mulugu

Hosting a website: Create a bucket with publicly accessible and add the following files:

Amazon S3 **Buckets** **bgmi-bucket**

bgmi-bucket **Info**

Publicly accessible

Objects Properties Permissions Metrics Management Access Points

Objects (3)

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](#)

Find objects by prefix ☐ Show versions

Name	Type	Last modified	Size	Storage class
<input checked="" type="checkbox"/> index.html	html	February 24, 2023, 00:45:19 (UTC+05:30)	2.1 KB	Standard
<input checked="" type="checkbox"/> jquery-3.1.1.min.js	js	February 24, 2023, 00:45:21 (UTC+05:30)	84.7 KB	Standard
<input checked="" type="checkbox"/> knockout-3.4.2.js	js	February 24, 2023, 00:45:22 (UTC+05:30)	58.9 KB	Standard

Hosting and sending data:

API Gateway

Items | Amaz

postdetailsin

bgmi-bucket

cloudfront-1

cloudfront-1

cloudfront-1

bgmi-bucket

←

→

↻

🏠

⚠ Not secure

bgmi-buckets3-website-us-east-1.amazonaws.com

☆

📄

🔒

Incognito

⋮

🔍 Google

📺 YouTube

✉ Mail - M VEERA VA...

📧 Gmail

📊 Dashboard

🖨 KL ERP

🌐 events.withgoogle.c...

🌐 www.hotstar.com

📁 My Drive - Google...

👤 Veera Vamshi Mulu...

👤 CodeChef User | Co...

»

Email:

Bharathi@gmail.com

FirstName:

Bharathi

LastName:

Mulugu

Save

API Gateway

Items | Amaz

postdetailsin

bgmi-bucket

cloudfront-1

cloudfront-1

cloudfront-1

bgmi-bucket

←

→

↻

🏠

⚠ Not secure

bgmi-buckets3-website-us-east-1.amazonaws.com

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🔒

Incognito

⋮

🔍 Google

📺 YouTube

✉ Mail - M VEERA VA...

📧 Gmail

📊 Dashboard

🖨 KL ERP

🌐 events.withgoogle.c...

🌐 www.hotstar.com

📁 My Drive - Google...

👤 Veera Vamshi Mulu...

👤 CodeChef User | Co...

»

Email:

FirstName:

LastName:

successfully updated data

Save

Output: added into the database:

The screenshot shows the AWS DynamoDB console interface. The left sidebar contains navigation links for Dashboard, Tables, Update settings, Explore items, PartiQL editor, Backups, Exports to S3, Imports from S3, Reserved capacity, Settings, DAX, Clusters, Subnet groups, Parameter groups, and Events. The main content area is titled 'CustomerDetails' and shows a table with 7 items. A green status bar indicates 'Completed. Read capacity units consumed: 0.5'. The table has columns for Email, FirstName, and LastName. The item with Email 'Bharathi@gmail.com' is selected.

CustomerDetails

Autopreview View table details

Scan or query items
Expand to query or scan items.

Completed. Read capacity units consumed: 0.5

Items returned (1/7)

Actions Create item

	Email	FirstName	LastName
<input type="checkbox"/>	VeeraVamshi31504@gmail.com	Veera Vamshi	Mulugu
<input type="checkbox"/>	Veervamshimulugu@gmail.com	Vamshi	Mulugu
<input type="checkbox"/>	Pasyanthiravi@gmail.com	Pasyanthi	Kandimalla
<input type="checkbox"/>	Pasyanthiravi@gmail.com	Pasyanthi	Kandimalla
<input type="checkbox"/>	ChandanaBhimavarapu@gmail.com	Chandana	Bhimavarapu
<input checked="" type="checkbox"/>	Bharathi@gmail.com	Bharathi	Mulugu
<input type="checkbox"/>	Malikarjunarao@gmail.com	Malikarjuna Rao	Mulugu

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