**EXPERIMENT-4**

**NAME:** SHAIKH MUBASHIRA TUFEL AHMED

**ROLL NO:** 612055 **COURSE:** ADVANCE DEVOPS(ITL504)

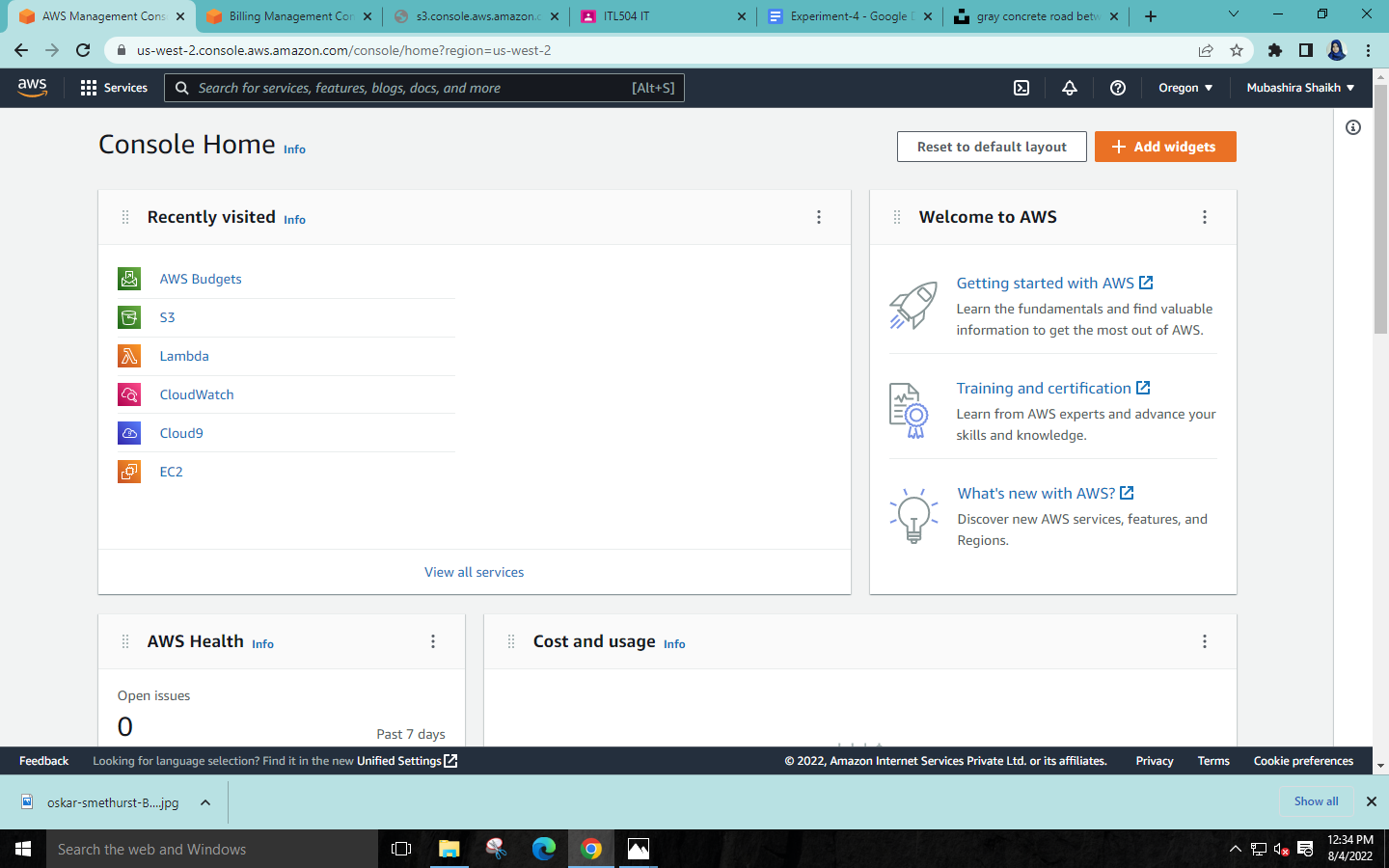
**BRANCH:** T.E. INFORMATION TECHNOLOGY (SEM 5)

1. **What is NO SQL, key value Databases?**

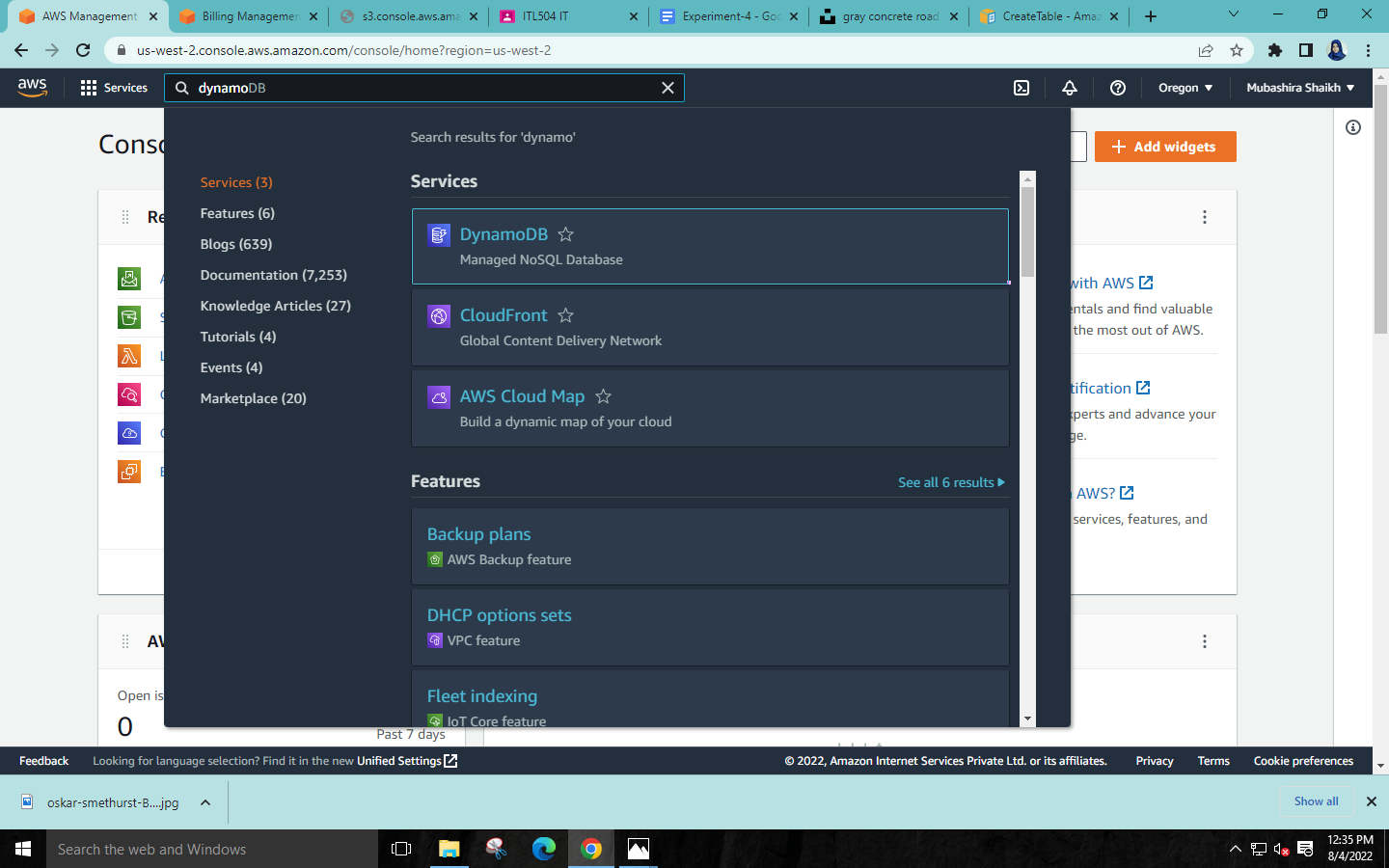
**🡺**All those databases which are modeled in means other than the tabular relations used in relational databases are known as NO SQL databases.NoSQL key-value databases are the least complicated types of NoSQL databases. They store data as a key or attribute name with its value. Each data item has a pointer and a unique key. The key-value pairs are in the form of rows of associative arrays.

1. **Create a Table in DynamoDB , Add items to the table (minimum 10 items) , Query the table .**

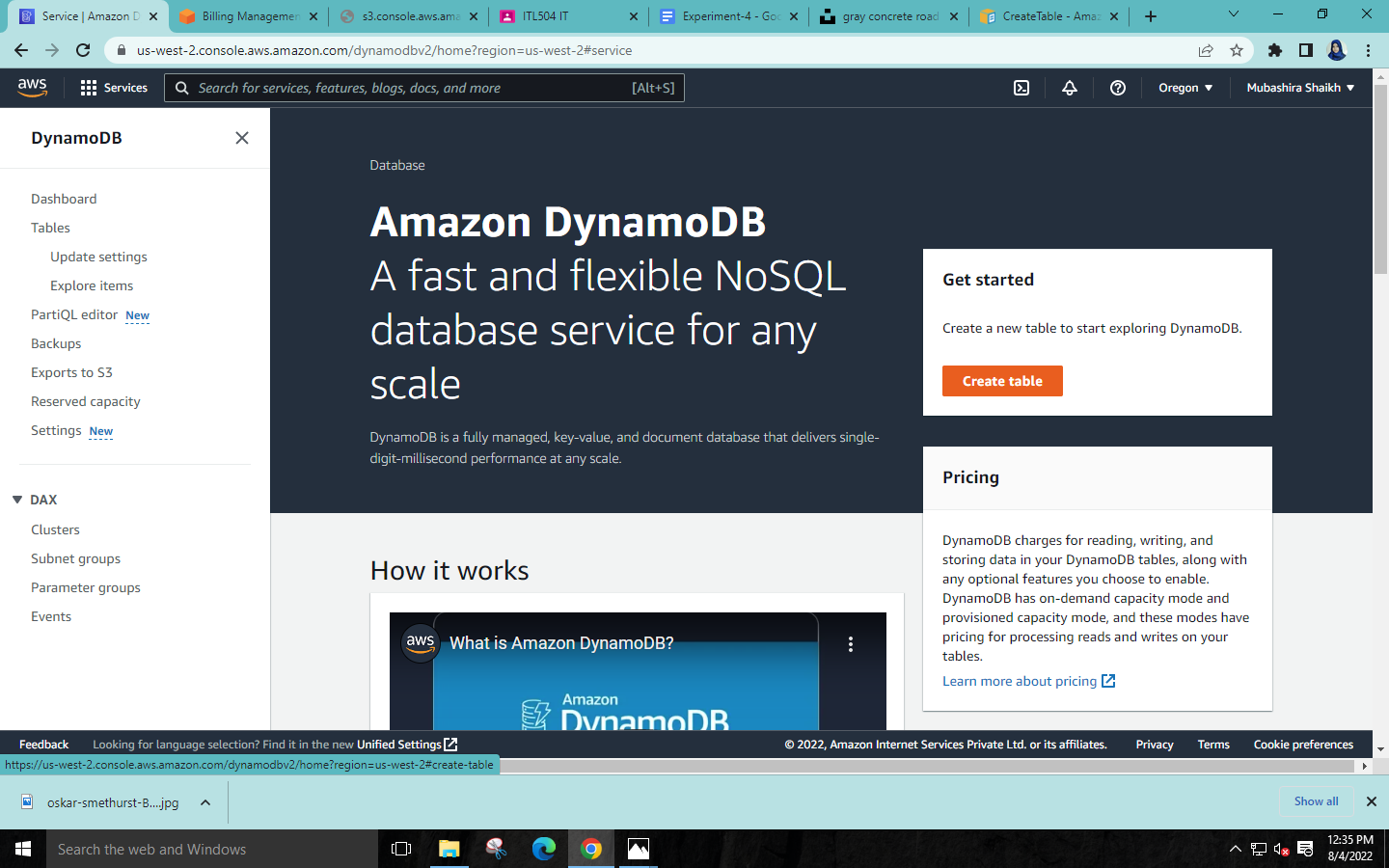
**Step 1: AWS Management Console Dashboard.**

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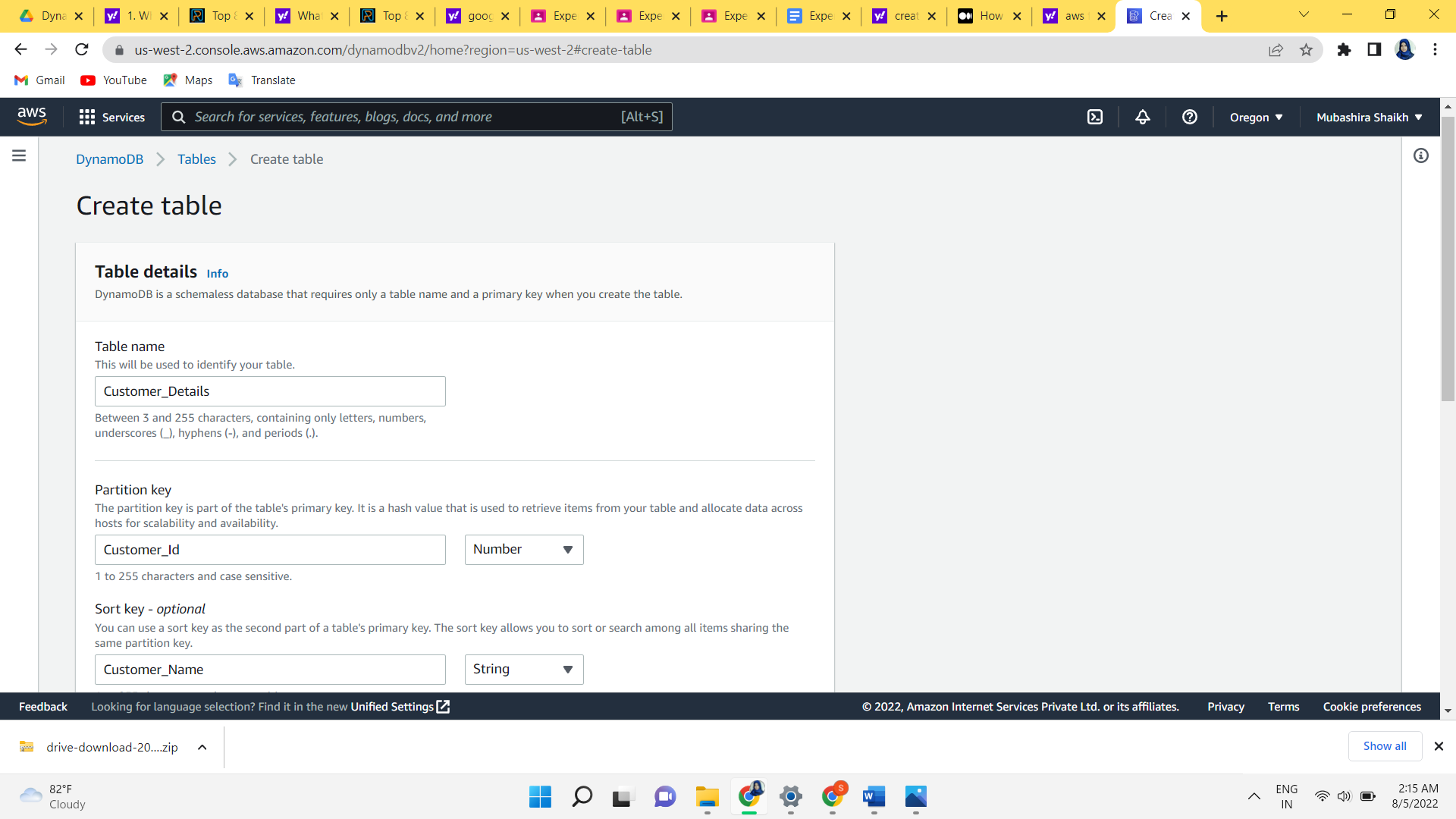
**Step 2: Search for DynamoDB and select it.**

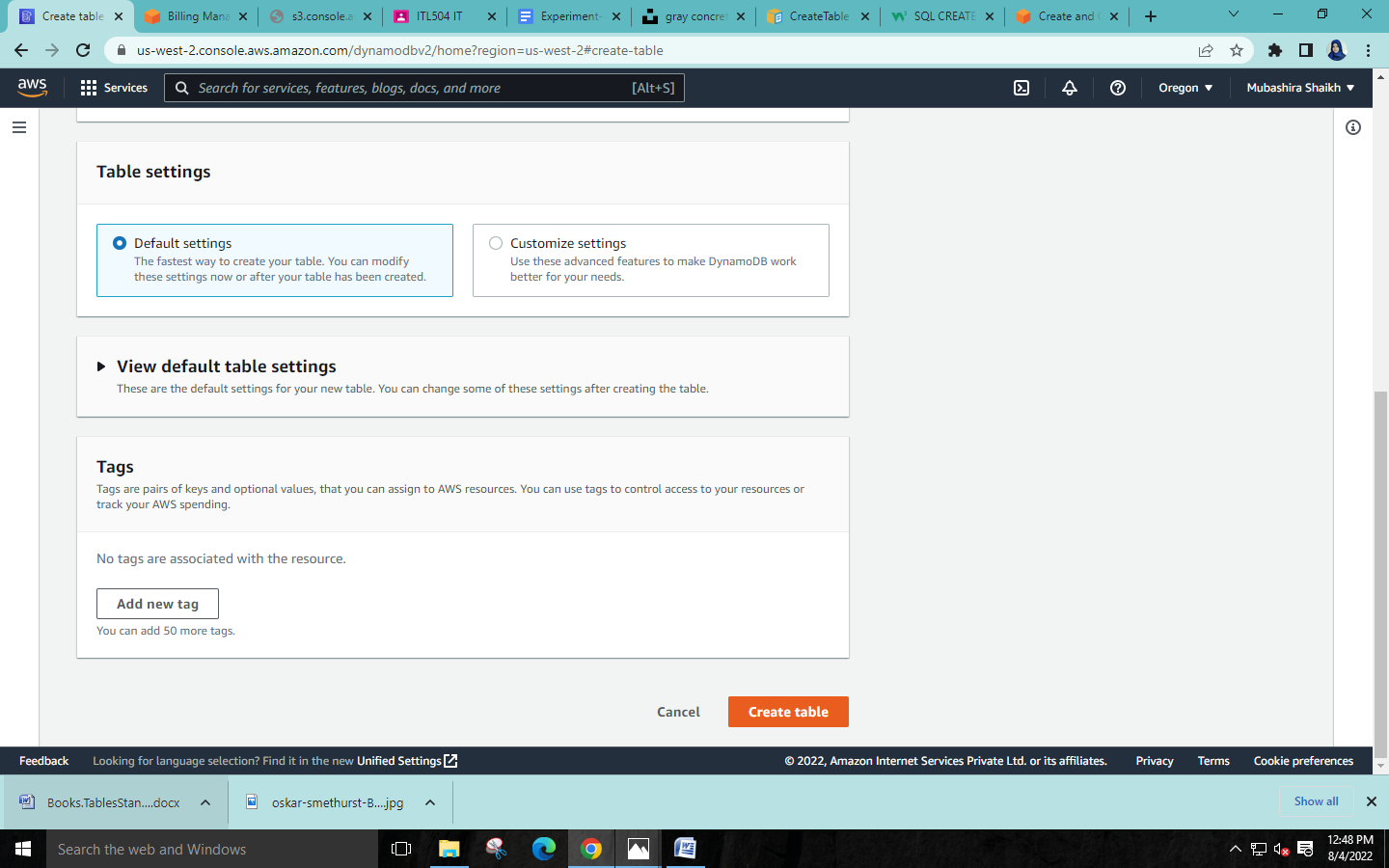
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**Step 3: Click on ‘Create Table’.**

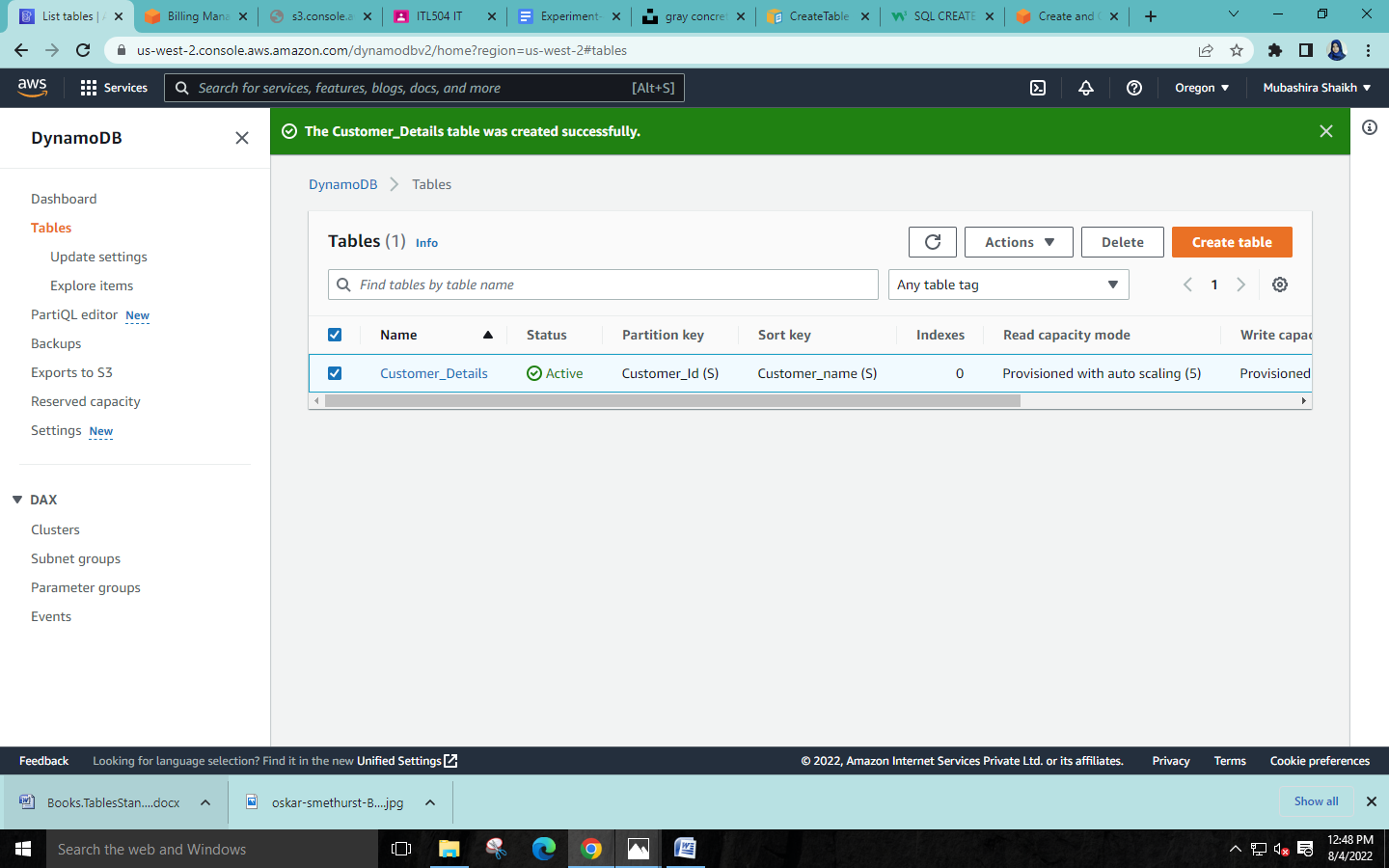


**Step 4: Name your table🡪set ‘Partition key’ & ‘Sort key’🡪select Default setting🡪Click on Create Table.**

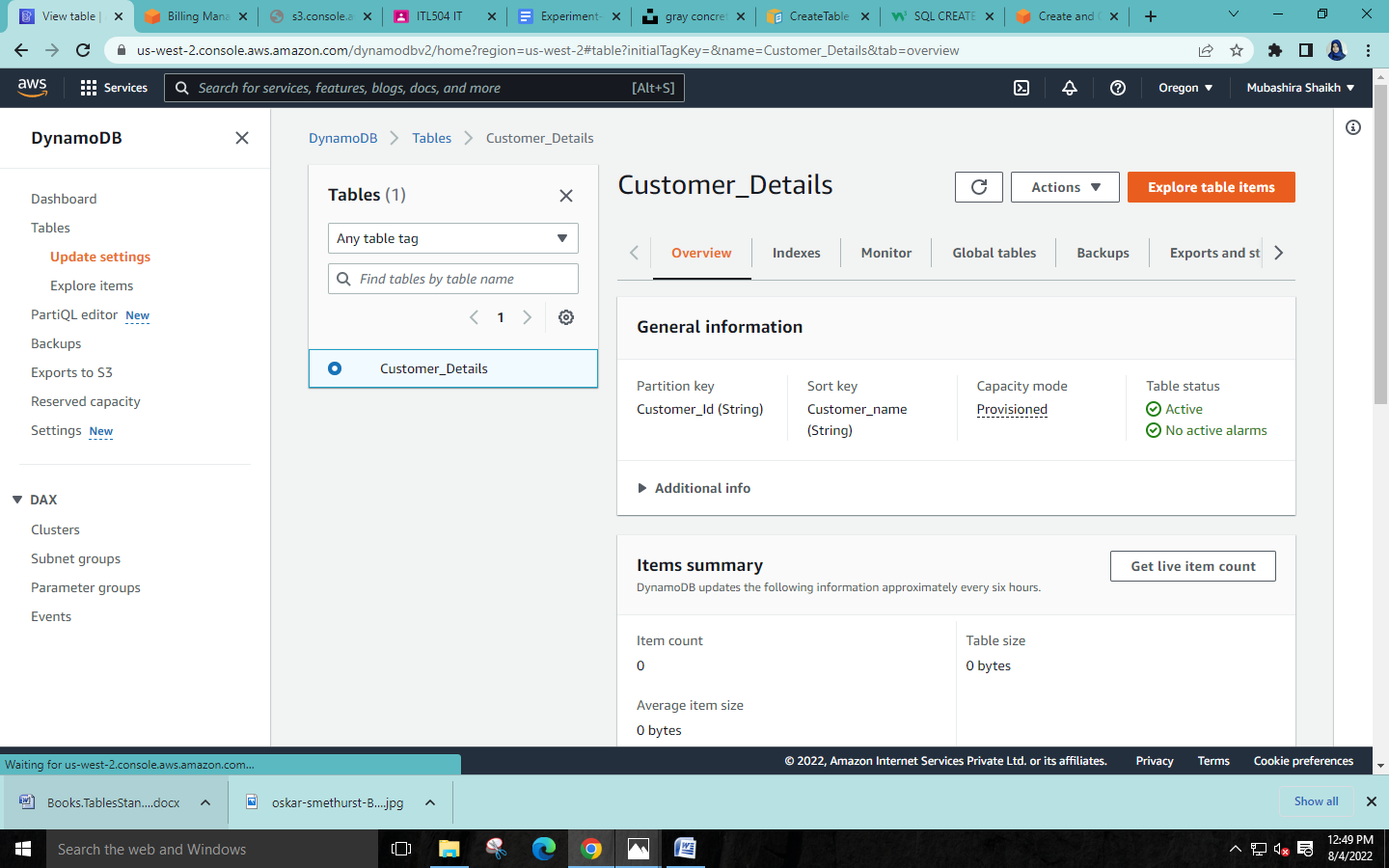
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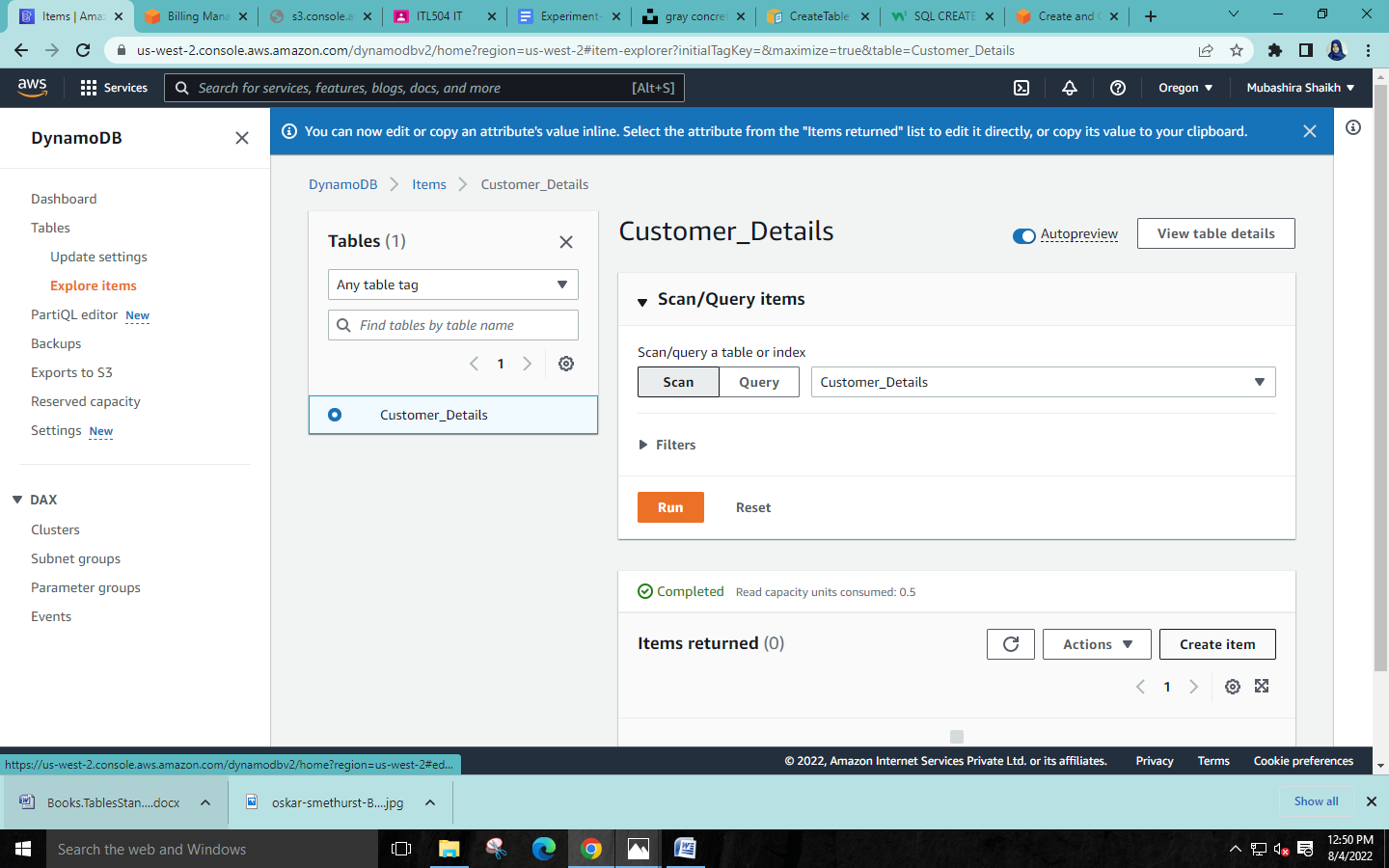
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**Step 5: Table Created Successfully! From here select the blue link**

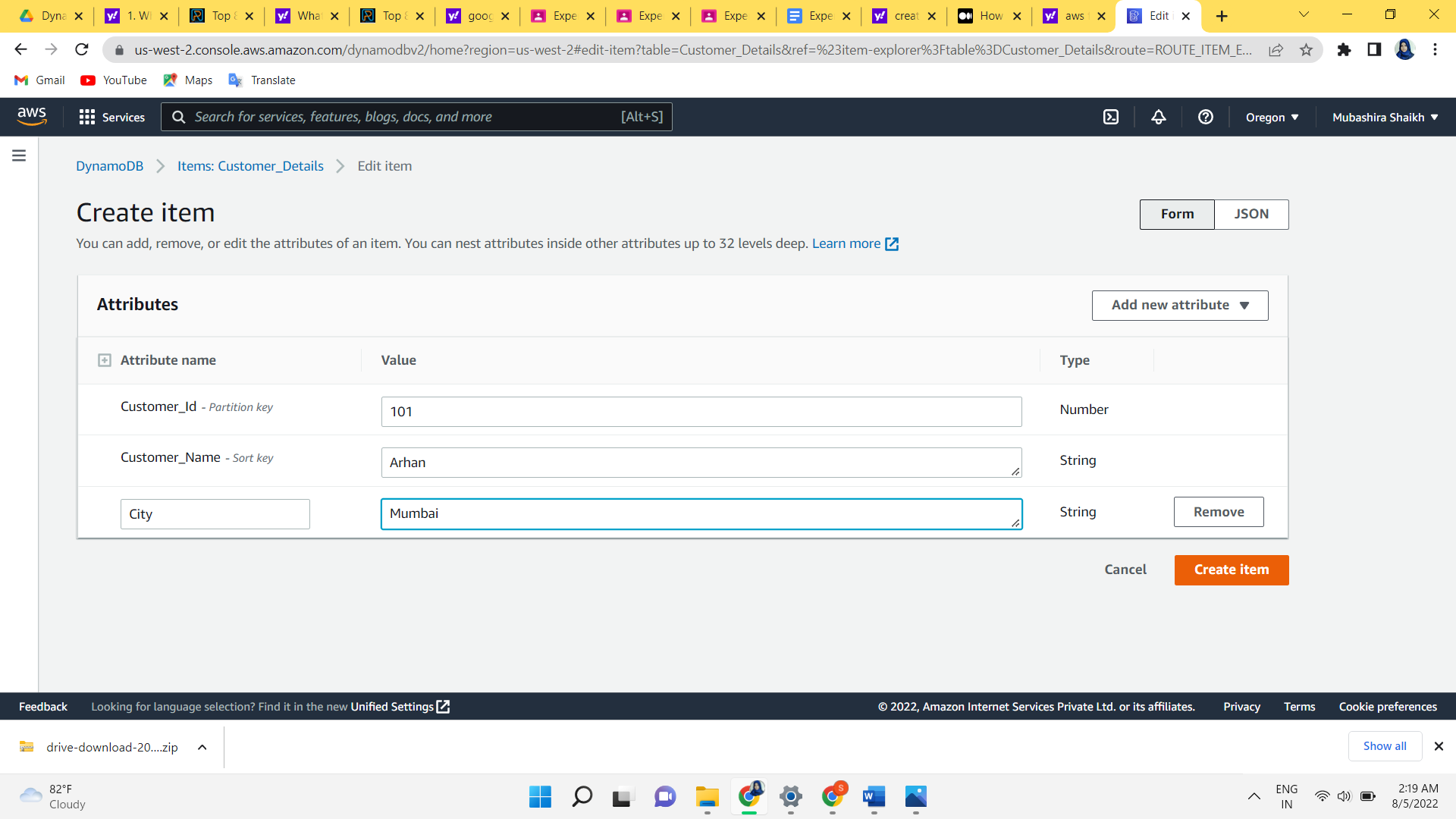
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**Step 6:Click on “Explore table item”🡪”Create item”**

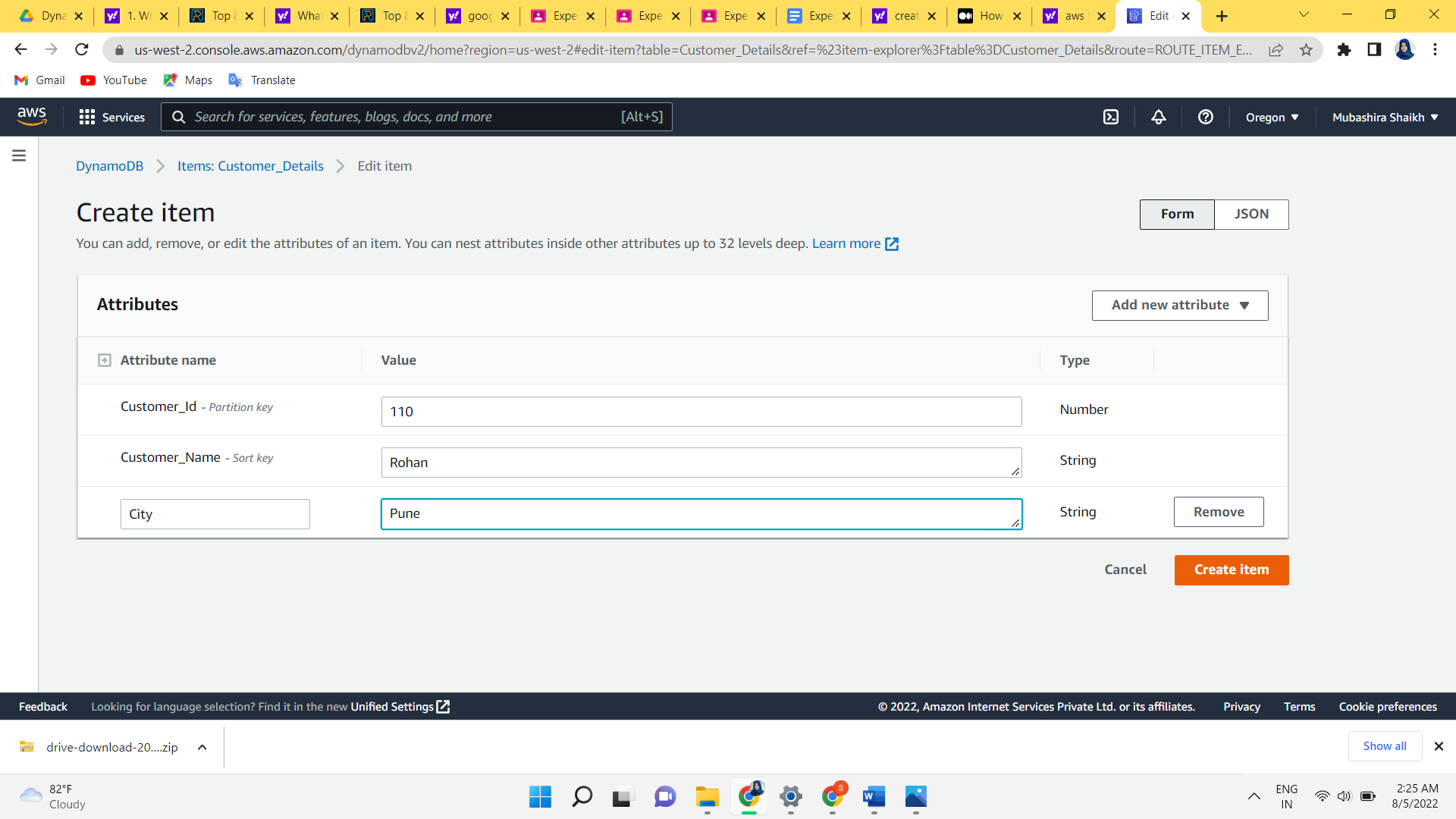
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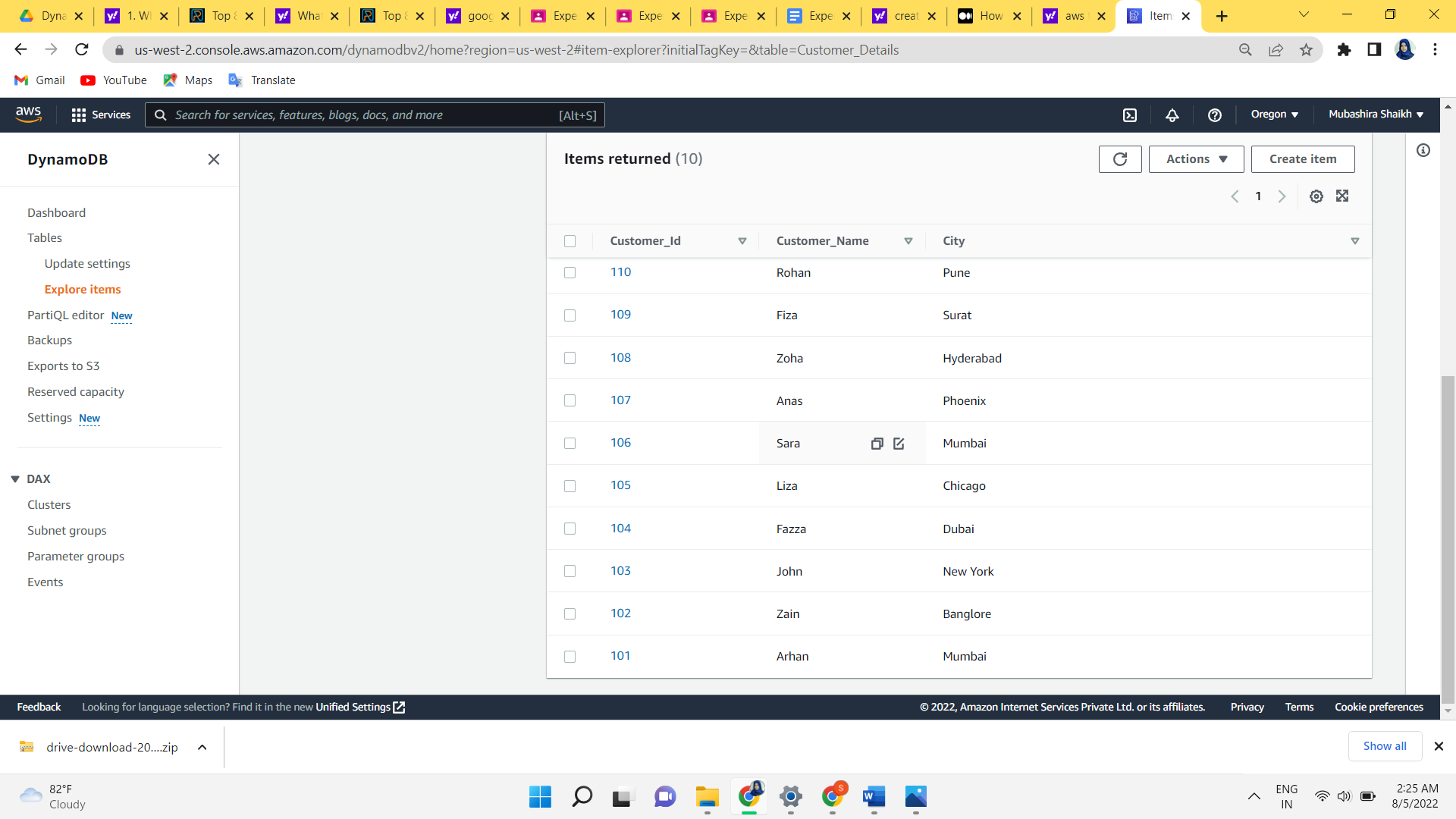
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**Step 7:Add new attributes if required🡪Click on “Create item”**

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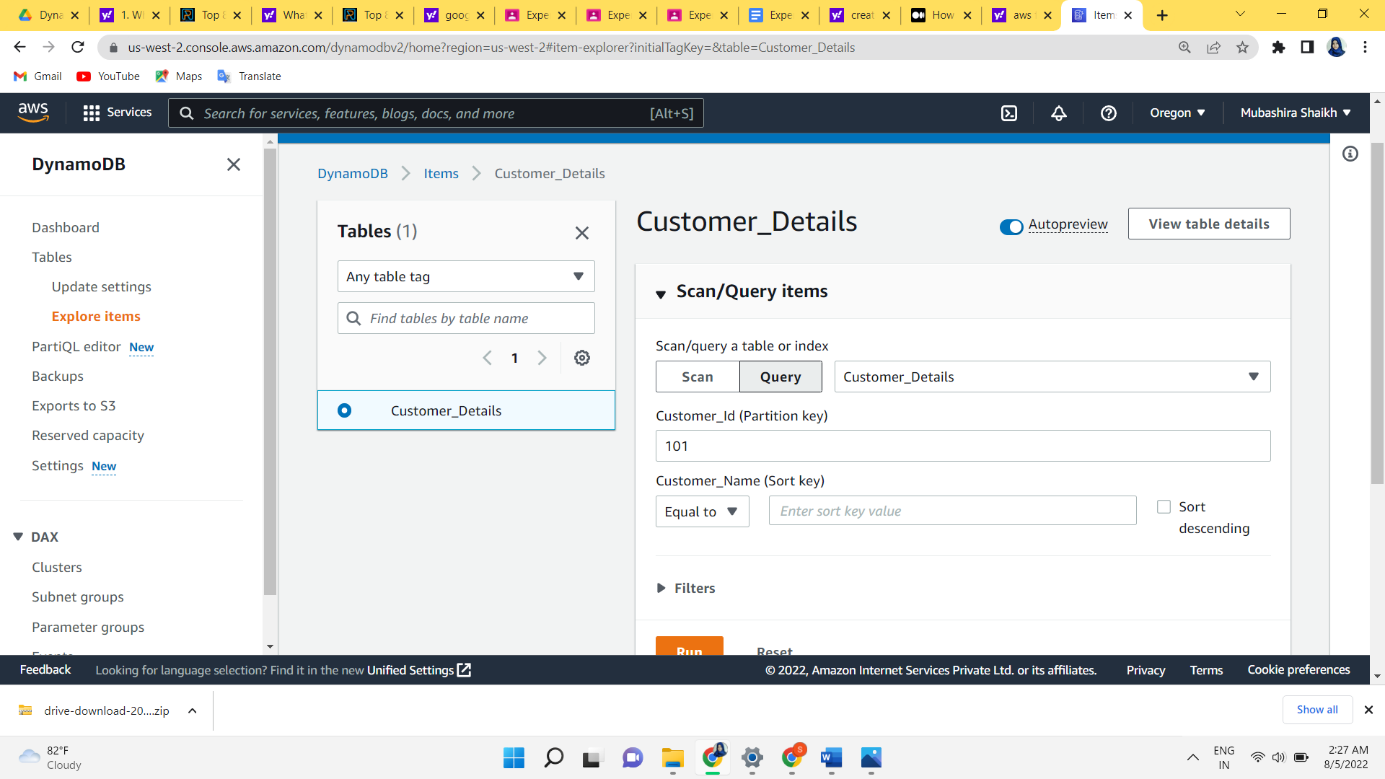
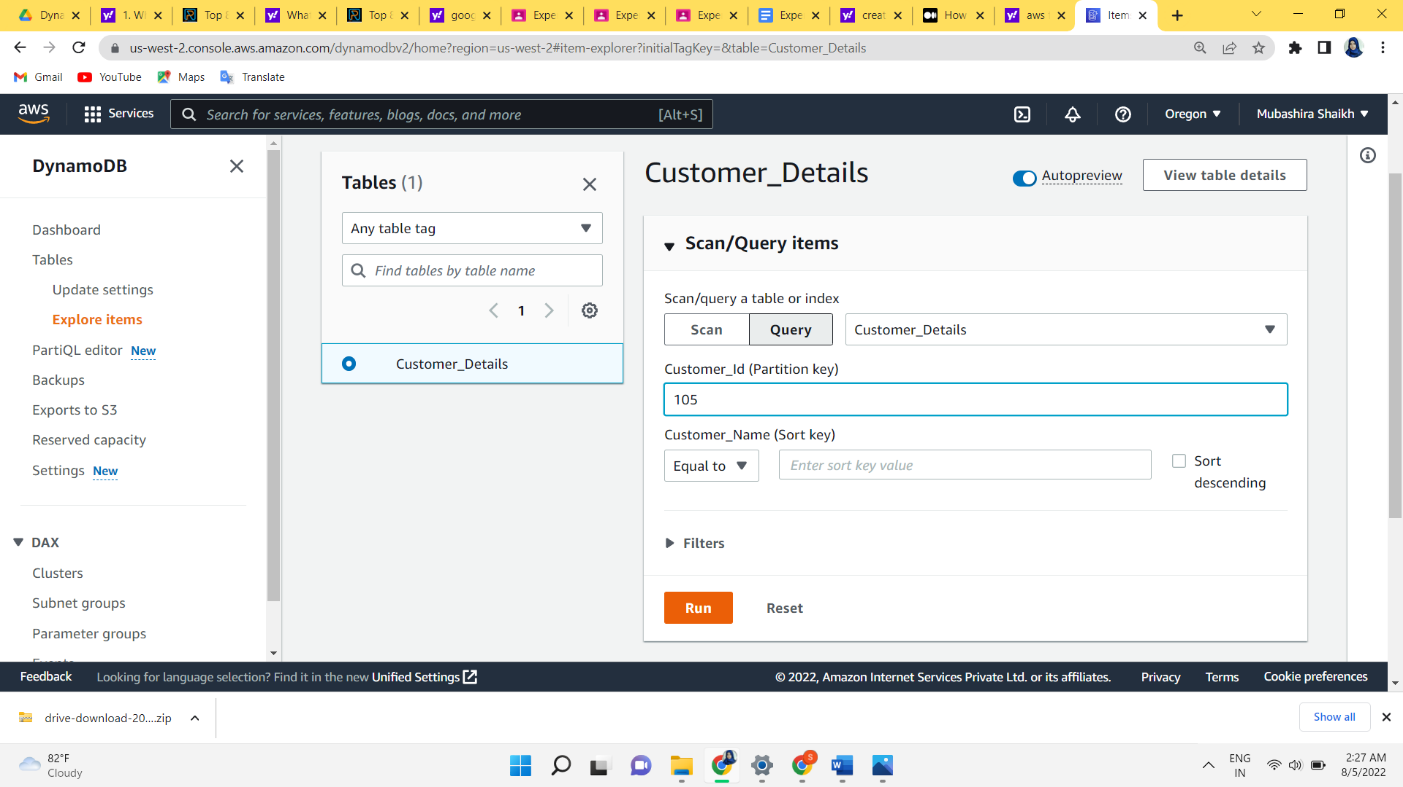
**🡪After entering each item select the “Create item” button and repeat the process until you are finished.**

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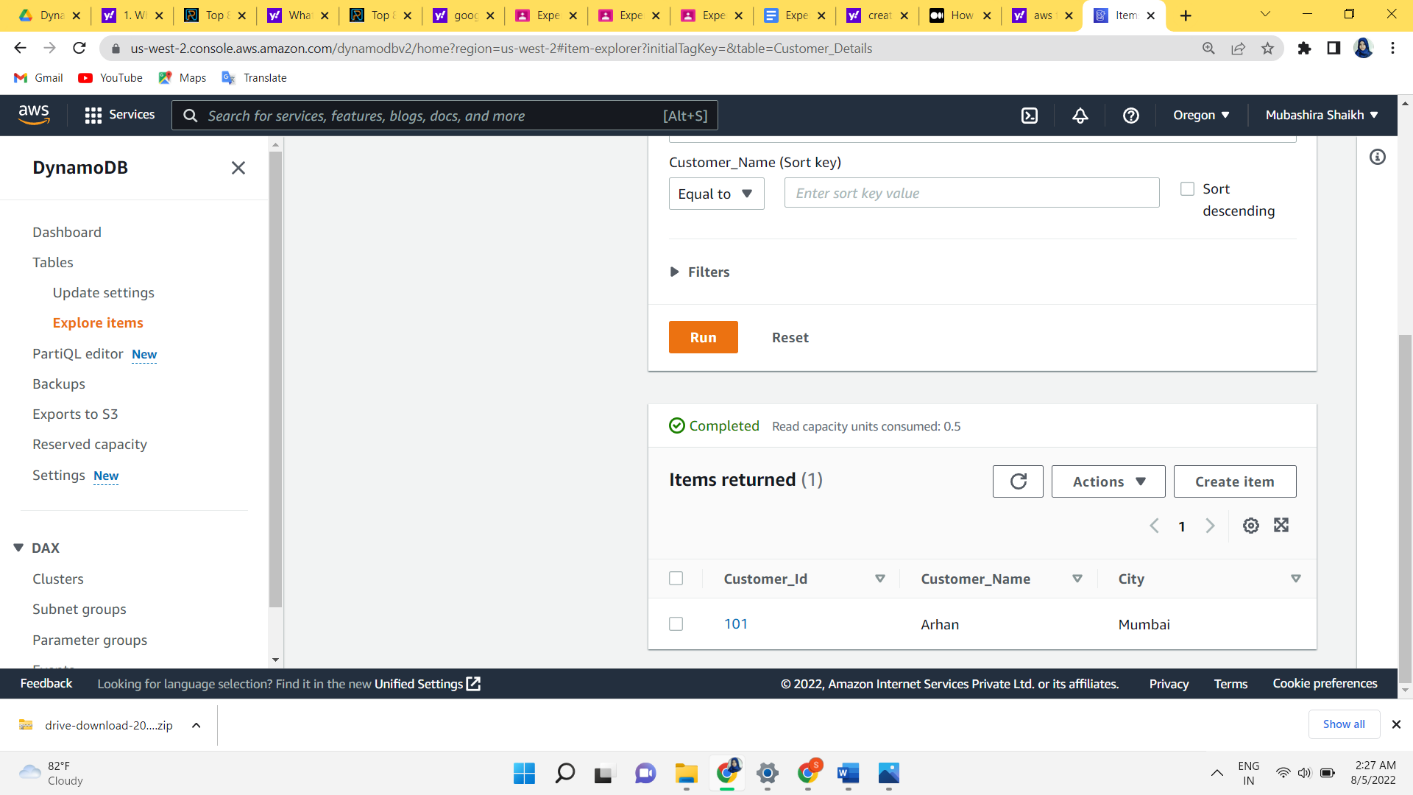
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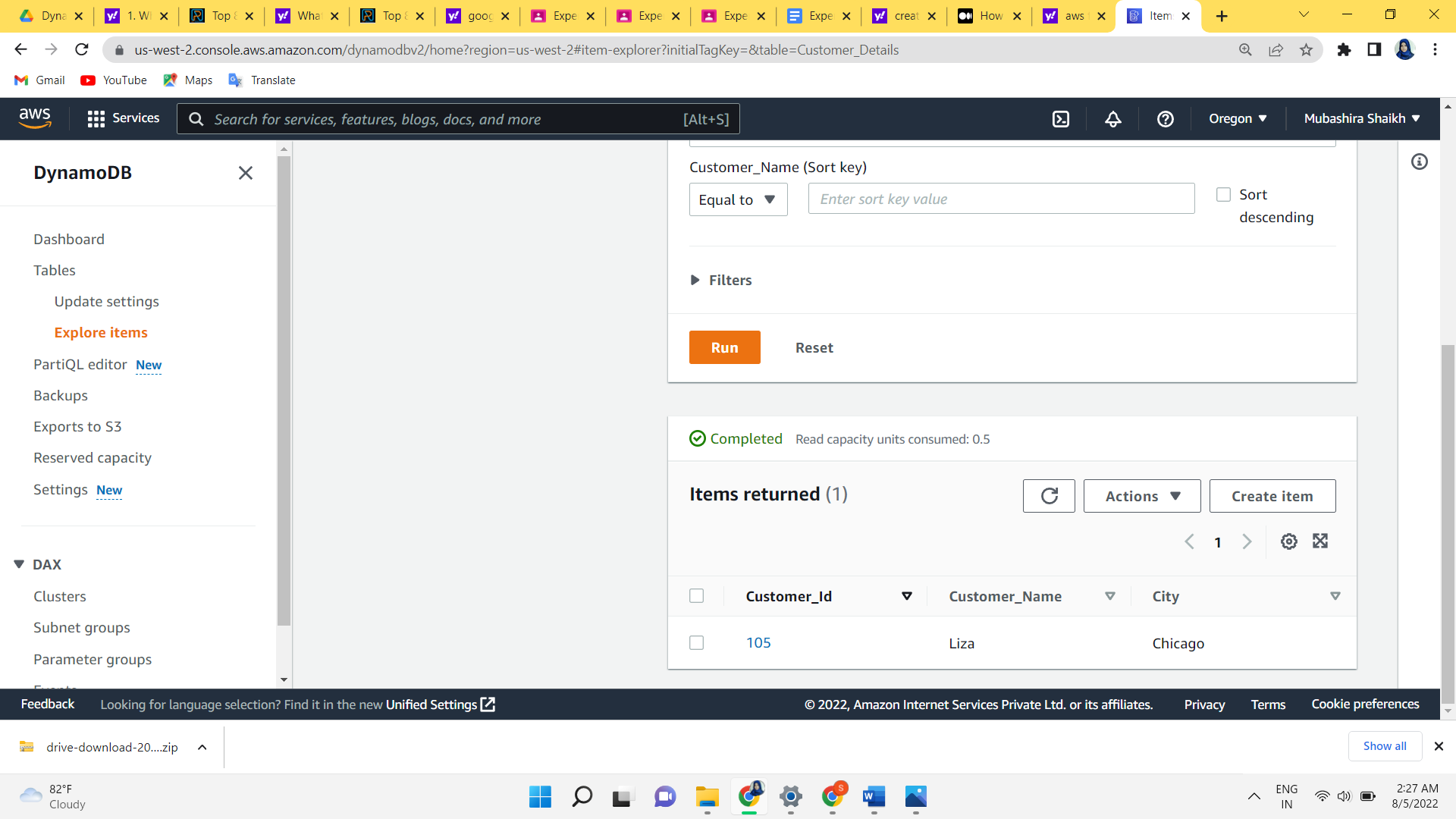
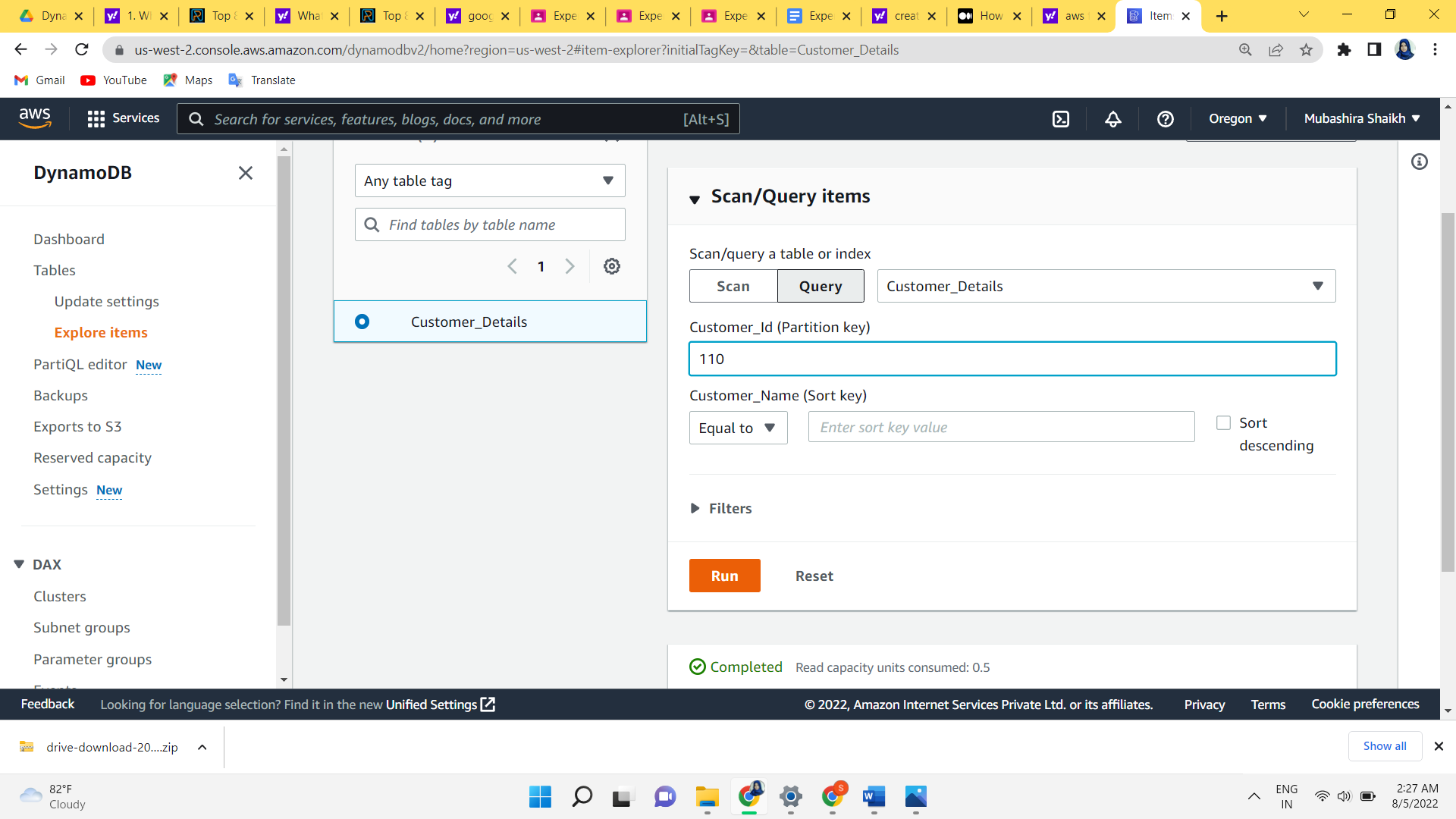
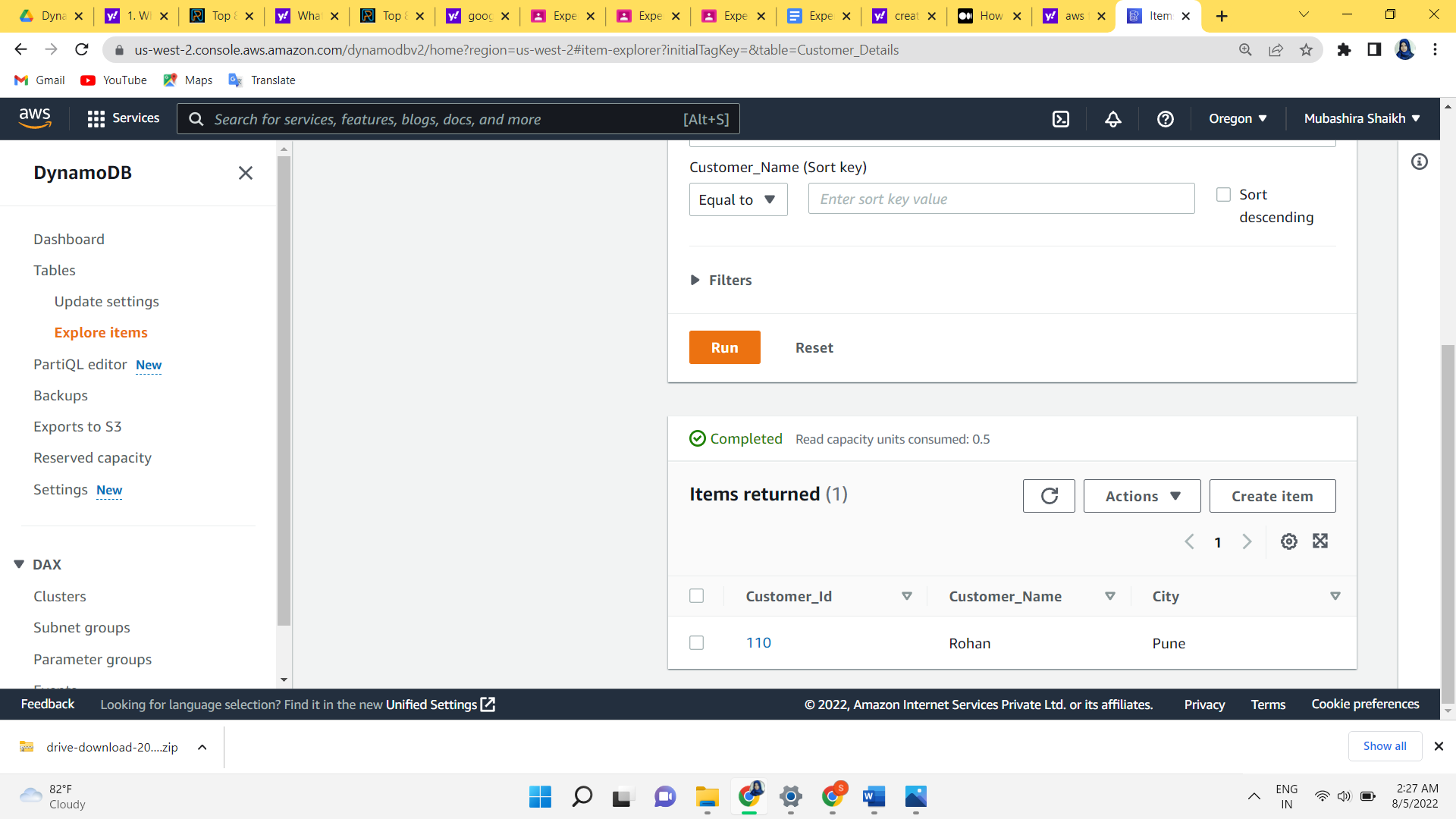
**Step 8:Run query for needed items using partition key**

**A)**

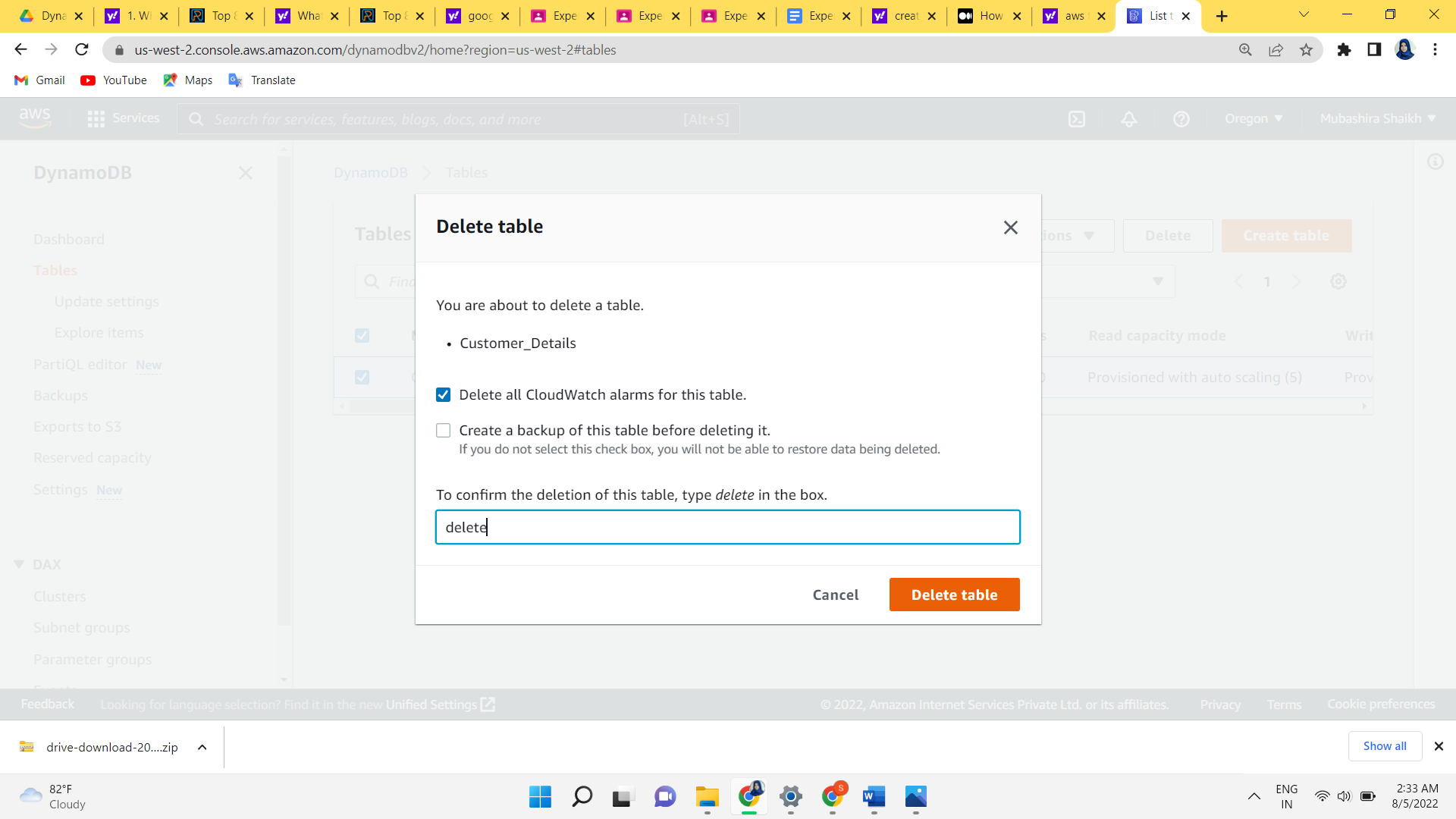
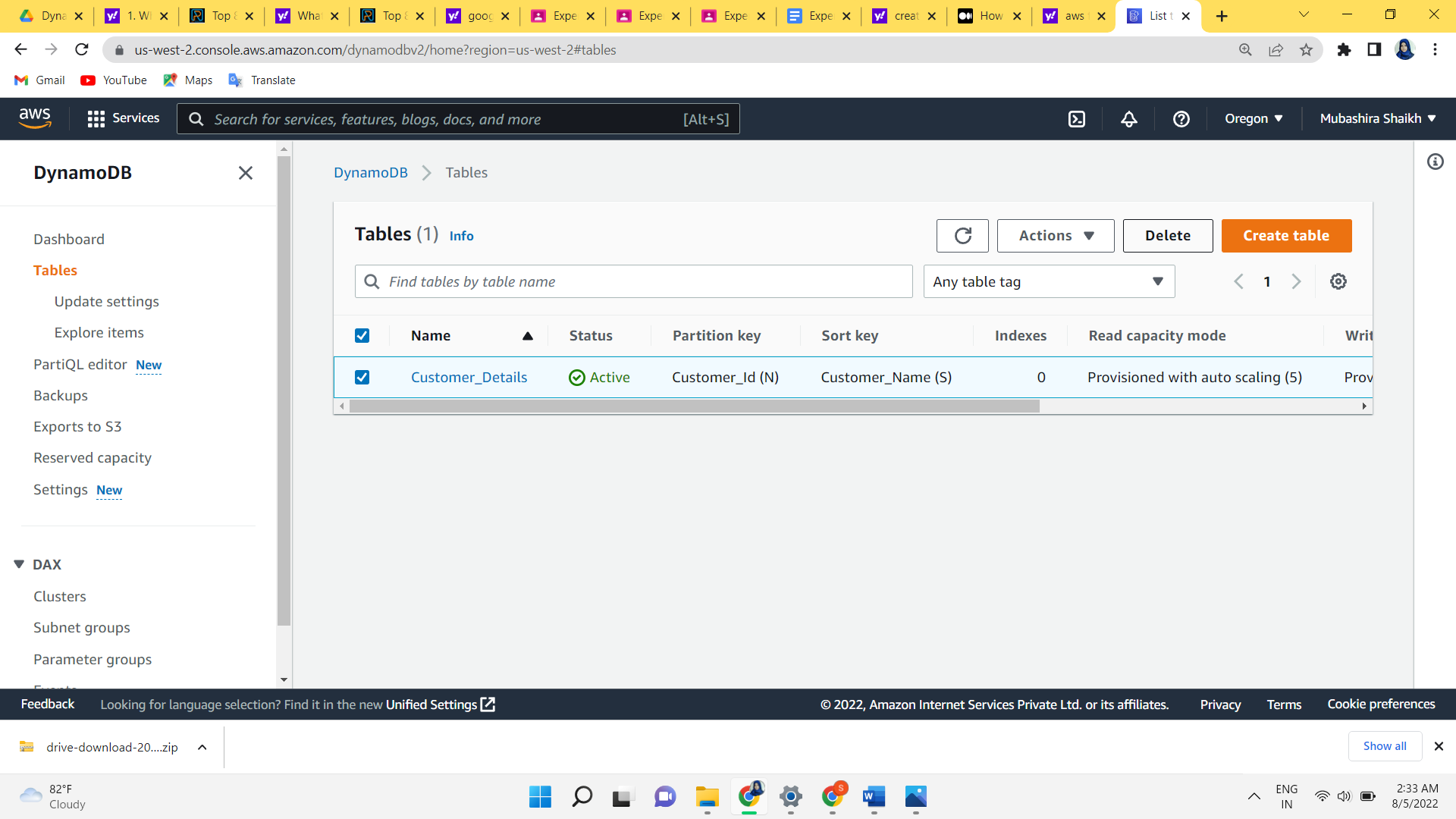
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**B)**



**C)  **

**Step 9: Finally, Select the table and click on “Delete”.**

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