Jamie Tran

Professor Nasheb Ismaily

DSC650 Big Data

12 July 2024

Week 6 Screenshots

**Screenshot of the table creation command and its output.**

A screen shot of a computer

Description automatically generated

**Screenshot of the tables listed in HBase.**

**A screenshot of a computer

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**Screenshot of the commands used to add data and their outputs.**

**A screenshot of a computer

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**Screenshot of the query and its output.**

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**Screenshot of the commands used to query the data with composite key and their outputs.**

**A screen shot of a computer

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**Screenshot of the commands used for data generation and their outputs.**

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**Screenshot of the commands used to update first names:**

* + For students with IDs from 2 to 50, change the first name prefix from Student to Scholar. For instance, Student3 should become Scholar3.

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**Screenshots of the resulting output from a scan.A screenshot of a computer

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**Screenshot of the commands used to add a middle name column:**

* + For students with IDs from 51 to 75, add a middle name column under the details column family. The middle name should follow the pattern MidName#{i}.

A computer screen with white text

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**Screenshots of the resulting output from a scan.**

**A screen shot of a computer screen

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**Screenshot of the commands used to modify last names:**

* + For students with IDs from 76 to 100, append \_Modified to the last name. So, LastName76 should be updated to LastName76\_Modified..

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**Screenshots of the resulting output from a scan.**

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**Screenshot of the commands used to bulk delete:**

* + Delete all the details for students with IDs from 90 to 100.

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**Screenshots of the resulting output from a scan.A screen shot of a computer

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**Screenshot of the commands used for data retrieval:**

* + After all modifications, retrieve and display the details for students with IDs 40, 60, 80, and 90 to verify changes.

**Screenshots of the resulting output from a scan.**

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