Step 1

Graphical user interface, application

Description automatically generated

Step 2

Graphical user interface, application

Description automatically generated

Step 3

Graphical user interface, text, application

Description automatically generated

Step 4

Graphical user interface, application

Description automatically generated

Step 5

Graphical user interface, text

Description automatically generated

This type of data is put into tables**. Table data** is the data format.

Step 6

Graphical user interface, text, application, email

Description automatically generated

The operation above has no results because the program is not able to find any data associated with the specific data types mentioned for those columns. The data types mentioned in the code are incorrect.

Step 7

Graphical user interface, text, application, email

Description automatically generated

Step 8

Graphical user interface, text, application, email

Description automatically generated

Step 9

Graphical user interface, application, email

Description automatically generated

Step 10

Graphical user interface, text, application, email

Description automatically generated

The data type for id is BIGINT instead of INT or SMALLINT because the data **is 8-byte signed integers.** SMALLINT is a 2-byte signed integer and INT is a 4-byte signed integer, so they are not suitable.

Step 11

Graphical user interface

Description automatically generated

Step 12

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Step 13

Graphical user interface, text

Description automatically generated

Graphical user interface, text

Description automatically generated

We are using **sqoop import** tool here. We are getting our data and putting it into HDFS.

Step 14

Graphical user interface, text, application, email

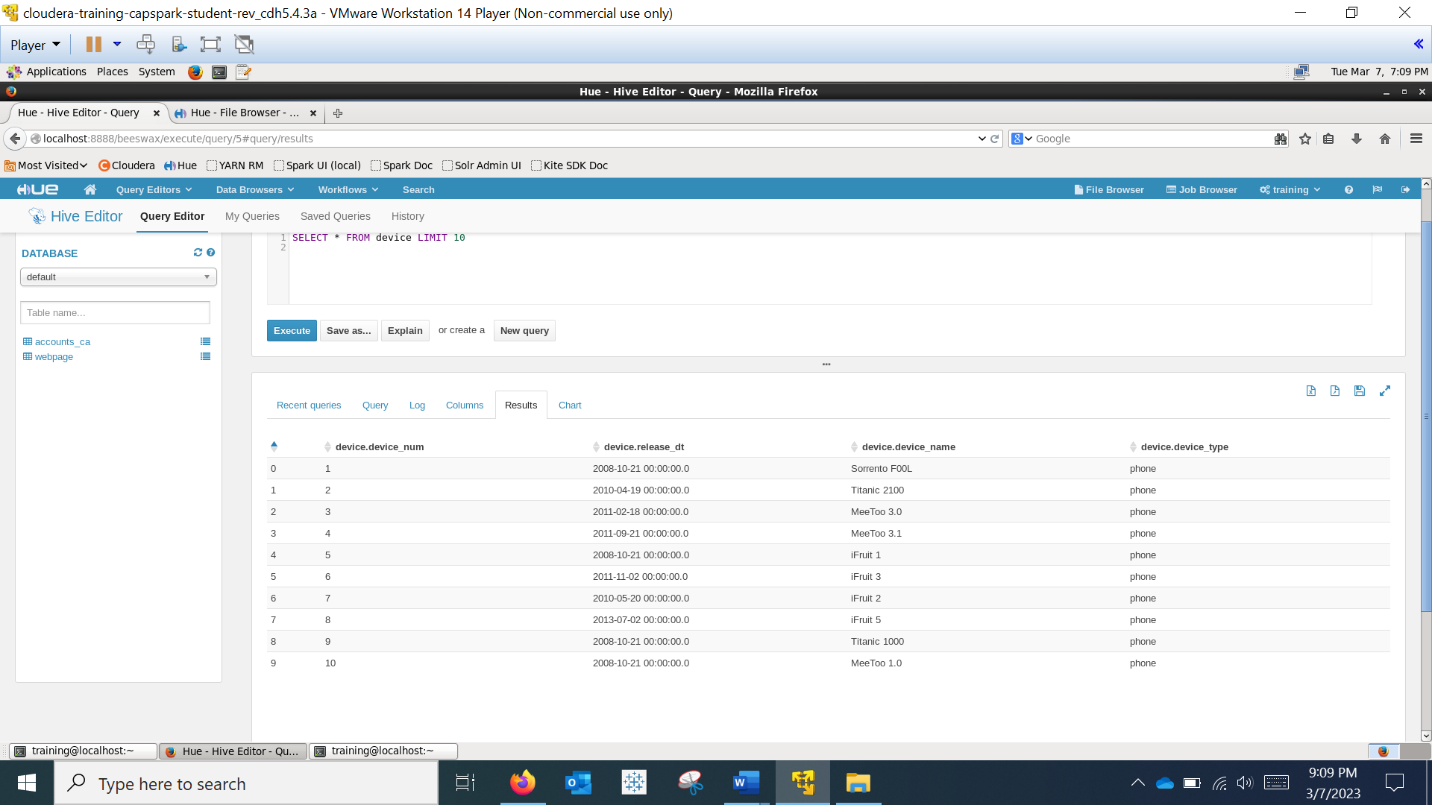
Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Yes, I do see the device folder in the Metastore. The second picture displays the contents in the device folder.

Step 15



Step 17

Graphical user interface, text, application, Word

Description automatically generated

Step 18

Graphical user interface, text, application

Description automatically generated

Step 19

Graphical user interface, text, application

Description automatically generated

Step 20

Graphical user interface, text, application

Description automatically generated