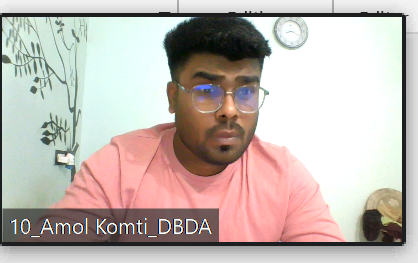
**Question 1 : Answer**

1. create database 

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create database **exam\_amol**;

--this creates a folder by the name of **exam\_amol.db** under /user/hive/warehouse

2. show all the databases in hive

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**show databases;**

3. Select a database

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**use exam\_amol;**

4. Show tables under the database

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**show tables;**

5. Create transaction table

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**create table txnrecords(txnno INT, txndate STRING, custno INT, amount DOUBLE,**

**category STRING, product STRING, city STRING, state STRING, spendby STRING)**

**row format delimited**

**fields terminated by ','**

**stored as textfile;**

6. Create transaction customer

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**create table customer(custno INT, firstname STRING, lastname STRING, age INT, profession STRING)**

**row format delimited**

**fields terminated by ','**

**stored as textfile;**

7. Load the data into the table (from local file system)

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**LOAD DATA LOCAL INPATH 'txns1.txt' OVERWRITE INTO TABLE txnrecords;**

**LOAD DATA LOCAL INPATH 'custs.txt' OVERWRITE INTO TABLE customer;**

8. Count of customer for each profession

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**select profession, count(\*) as headcount from customer group by profession order by headcount;**

