Exercise: Banking-Hive Queries

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Queries:

1) Create db called customer

>create database customer;

2) Create a table called bank(tid,bname,cname,amount).

>create table bank(tid int,bname string,cname string,amount float) row format delimited fields terminated by ",";

>desc bank;

3)Insert the values using INSERT statement.

>insert into bank values(101,"hdfc","sai",50000),(102,"vijaya","brinda",40000),(103,"canara","mahesh",100000),(104,"corporation","raghu",34000),(105,"union","preeti",50000);

>select * from bank;

4) Import the values using CSV file.

>load data local inpath '/home/aishu/Desktop/bank.csv' into table bank;

>select * from bank;

5) Query operations like groupby, aggrigate, orderby and having clause, view.

```
>select tid,bname from bank where cname="sai";

>select tid,cname,amount from bank where amount>=45000 group by bname,amount;

>select tid,cname,sum(amount) from bank group by tid,cname having sum(amount)>40000;

>select tid,cname,amount from bank where amount>20000 order by amount;

>create view custo as select tid,cname from bank;
```

6) Create one more table

```
>create table cust(custid int,tid int,loc string) row format delimited fields terminated by ",";

>desc cust;

>insert into cust values(1,101,"bng"),(2,101,"delhi"),(3,103,"kolkata"),(4,102,"gujarat"),(5,105,"mumbai");

>select * from cust;
```

7) Join Operation

```
>select custid,loc,cname from bank b,cust c where b.tid=c.tid;
```

8) Alter Operation

```
>alter table cust rename to customer;

>alter table customer add columns(ph int);

>insert into customer values(7,103,"jaipur",563474646);
```

```
>select * from customer;
```