NOM : ACHIR
Prénom : Ounissa

1/Première partie :

hdfs dfs -mkdir /TPhive

hdfs dfs -cpyFormLocal /home/cloudera/Desktop/data/visits.txt /Tphive/visits.txt

create database if not exists TPhive;
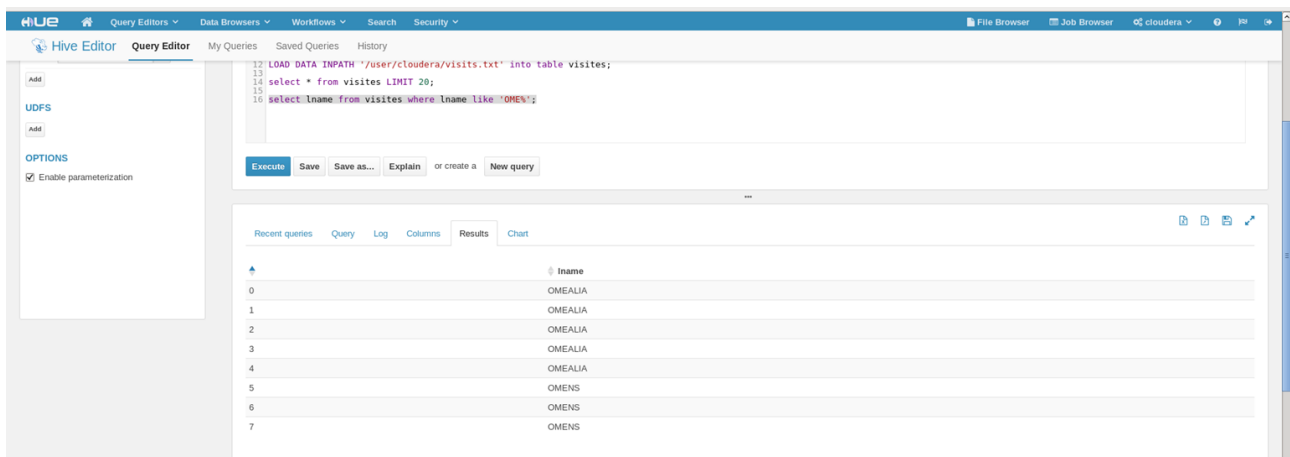
use TPhive;

create table visites
(lname string,
  fname string,
  time_of_arrival timestamp,
  appt_scheduled_time timestamp,
  meeting_location string,
  info_comment string
)ROW FORMAT DELIMITED FIELDS TERMINATED BY '\t';

load data inpath '/Tphive/visits.txt' into table visites;

select * from visites limit 20;

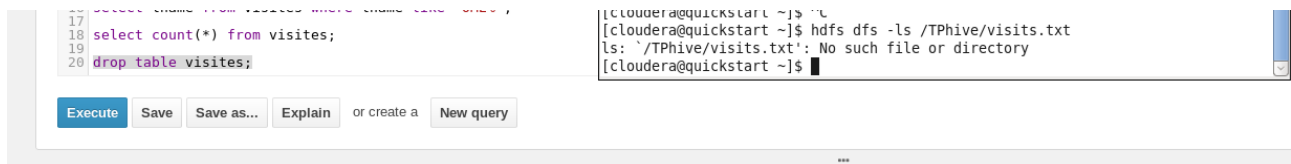select lname from visites where lname like 'OME%';

select count(*) from visites;

drop table visites;

hdfs dfs -ls /Tphive/visits.txt

hdfs dfs -mkdir /demohive;

create external table visites
(lname string,
  fname string,
  time_of_arrival string,
  appt_scheduled_time string,
  meeting_location string,
  info_comment string
)ROW FORMAT DELIMITED FIELDS TERMINATED BY '\t'
location '/demohive';

load data inpath '/Tphive/visits.txt' into table visites;

hdfs dfs -ls /Tphive/ => vide

hdfs dfs -ls /demohive/ => visits.txt existe das cette directory puisque on a sp écifié cette directory lors de la création de la table.

2/Deuxième partie :

create external table visites
(lname string,
  fname string,
  time_of_arrival string,
  appt_scheduled_time string,
  meeting_location string,
  info_comment string
)ROW FORMAT DELIMITED FIELDS TERMINATED BY '\t' ;

load data inpath '/demohive/visits.txt' into table visites;

select * from visites where time_of_arrival='' limit 20 ;

```
select * from visites where time_of_arrival='' limit 20;
```

Execute Save Save as... Explain or create a New query

...

Recent queries Query Log Columns **Results** Chart

visites.lname	visites.fname	visites.time_of_arrival	visites.appt_scheduled_time	visites.meeting_location	visites.info_comment
LANIER	JAZMIN		10/13/2010 13:00	WH	BILL SIGNING/
MOUZON	LARINA		10/13/2010 13:00	WH	BILL SIGNING/
SEIBERT	PAMELA		10/13/2010 13:00	WH	BILL SIGNING/
SEIBERT	SABRINA		10/13/2010 13:00	WH	BILL SIGNING/
GARVER	LORI		10/28/2010 14:10	WH	CHILEAN MINER RESCUERS
NEUBAUER	JOSEPH		10/28/2010 14:10	WH	CHILEAN MINER RESCUERS
BARTUSKA	ANN		10/5/2010 11:00	WH	COMUNNITY COLLEGE EVENT **EAST ROOM**

select * from visites limit 10;

select info_comment, count(info_comment) as nb
from visites
group by info_comment
order by nb desc;

select info_comment, count(info_comment) as nb
from visites
where info_comment != ''
group by info_comment
order by nb desc ;

```
select info_comment, count(info_comment) as nb
from visites
group by info_comment
order by nb asc;
```



```
select info_comment, count(*) as nb_visite
from visites
where info_comment like 'GENERAL RECEPTION%
        or info_comment like 'GENERAL RECEP%
group by info_comment;
```

```
select lname, fname, count(*) as nb
from visites
where meeting_location='WH'
group by lname, fname
order by nb desc
limit 1;
```