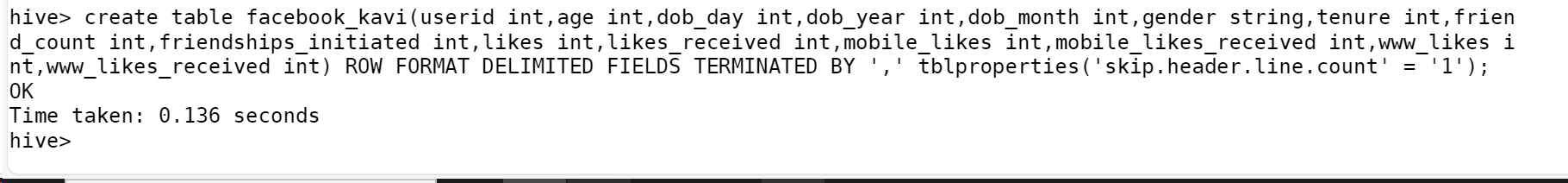
**Hive Assignment 1**

**Create table Facebook:**

**Hive QL >>** create table facebook\_kavi(userid int,age int,dob\_day int,dob\_year int,dob\_month int,gender string,tenure int,friend\_count int,friendships\_initiated int,likes int,likes\_received int,mobile\_likes int,mobile\_likes\_received int,www\_likes int,www\_likes\_received int) ROW FORMAT DELIMITED FIELDS TERMINATED BY ‘,’ tblproperties('skip.header.line.count' = '1');

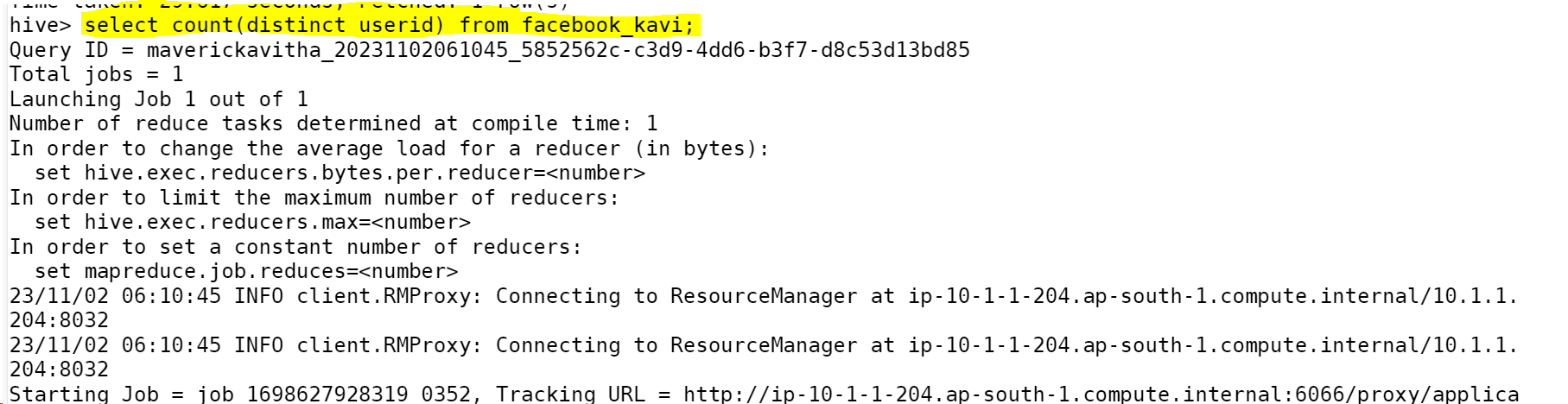


**Loading data into table facebook:**

A computer screen with a computer code

Description automatically generated with medium confidence

**Q1: Find out the total no of users in the dataset**



A close-up of a computer code

Description automatically generated

**Q2: Find out the no of users above the age of 25**

A screenshot of a computer

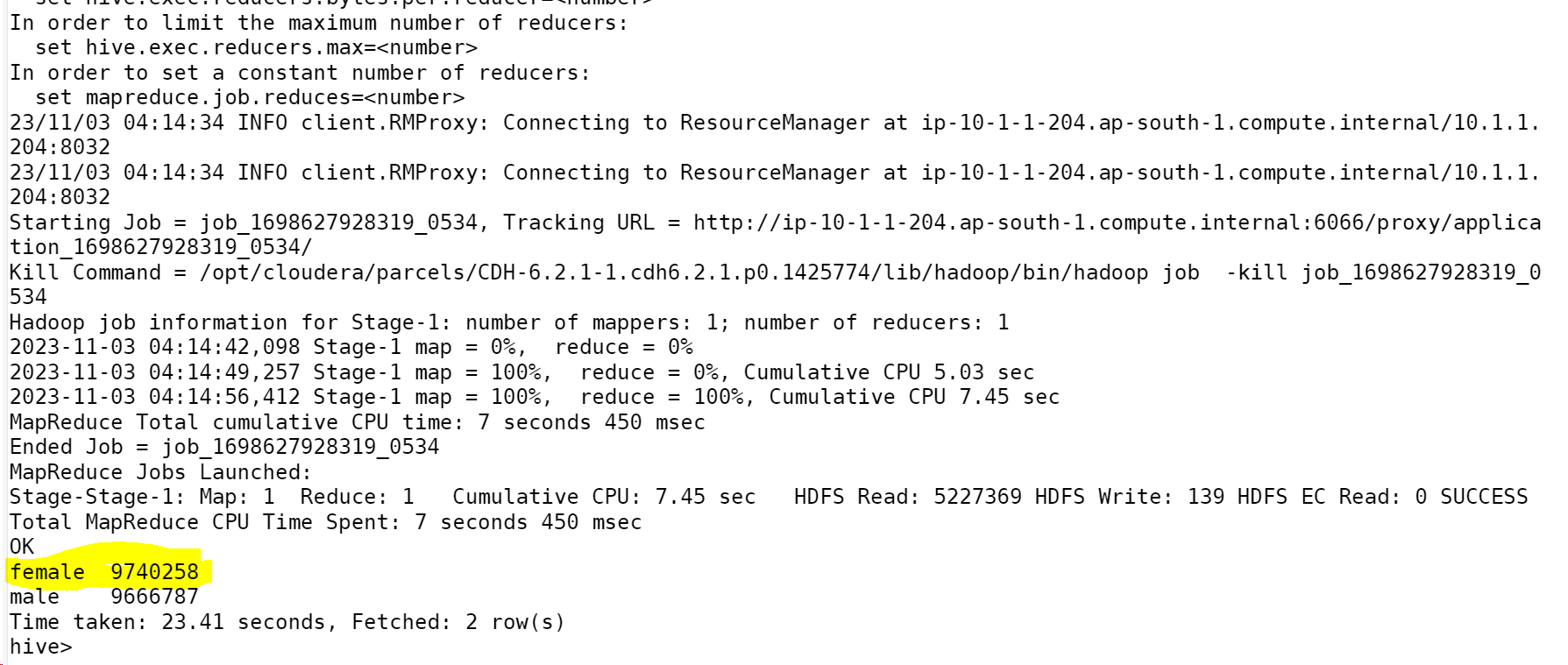
Description automatically generated

A close up of a white background

Description automatically generated

**Q3: Do male face book users tend to have more friends or female users**

hive> select gender,sum(friend\_count) sum\_frnd\_cnt from facebook\_kavi where gender in ('male','female') group by gender ;



**Q4: How many likes do young people receive on facebook as opposed to old people**

**Hive QL:** select a.people , a.tot\_likes from( select 'Young' as people ,sum(likes\_received) as tot\_likes from facebook\_kavi where age <= 18 union select 'OLD' as people ,sum(likes\_received) as tot\_likes from facebook\_kavi where age > 18)a;

A yellow line on a white background

Description automatically generated

A screenshot of a computer program

Description automatically generated

**Q5: Find out the count of facebook users for each birthday month**

**HIVE QL:** select count(userid), dob\_month from facebook\_kavi group by dob\_month;

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

**Q6: Do young members use mobile phones or computers for facebook browsing**

**HIVE QL 1: select 'Young\_People' as people ,sum(mobile\_likes) as Mobile\_usage, sum(www\_likes) as Computers\_Usage from facebook\_kavi where age <= 18**

A screenshot of a computer

Description automatically generated

**HIVE QL 2: select people , greatest(Mobile\_usage , Computers\_Usage ) from(select 'Young\_People' as people ,sum(mobile\_likes) as Mobile\_usage, sum(www\_likes) as Computers\_Usage from facebook\_kavi where age <= 18)a;**

A screenshot of a computer

Description automatically generated

**Q7: Do adult members use mobile phones or computers for facebook browsing**

**HIVE QL 1: select 'Young\_People' as people ,sum(mobile\_likes) as Mobile\_usage, sum(www\_likes) as Computers\_Usage from facebook\_kavi where age > 18;**

A screenshot of a computer

Description automatically generated

**HIVE QL 2: select people , greatest(Mobile\_usage , Computers\_Usage ) from(select 'Young\_People' as people ,sum(mobile\_likes) as Mobile\_usage, sum(www\_likes) as Computers\_Usage from facebook\_kavi where age > 18)a;**

A screenshot of a computer

Description automatically generated