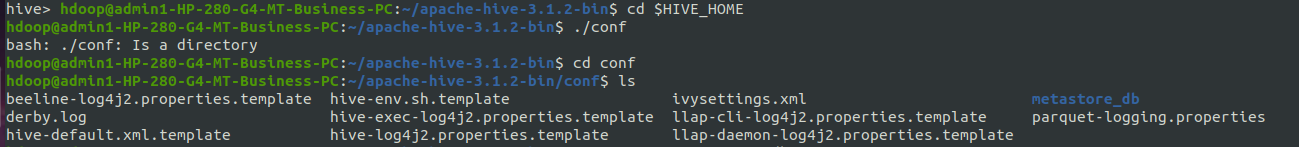


cd $HIVE\_HOME

./conf

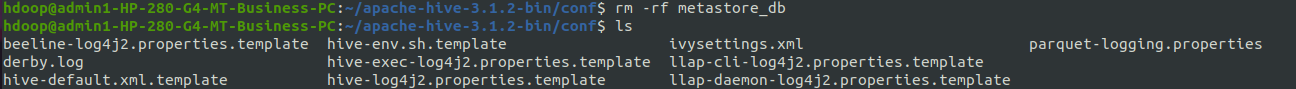
cd conf

ls

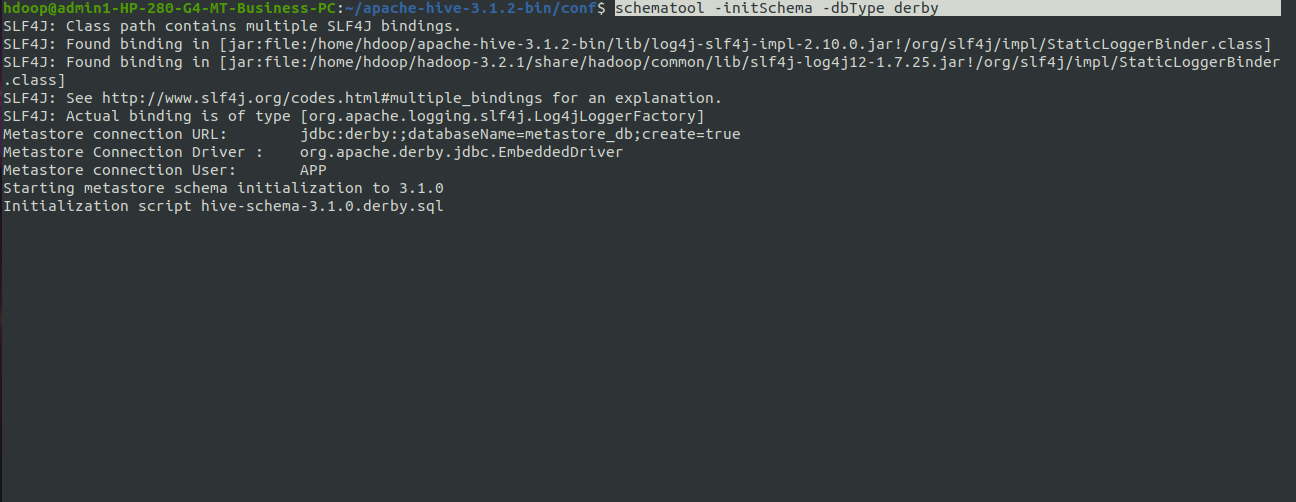


**Dropping the database:**

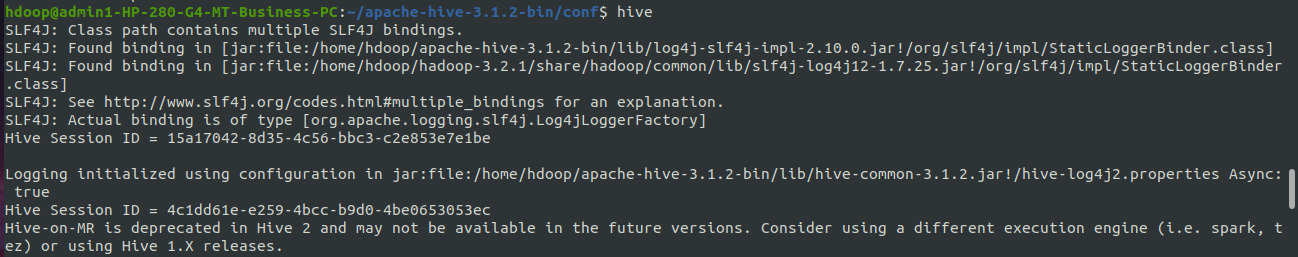
rm -rf metastore\_db



schematool -initSchema -dbType derby



hive

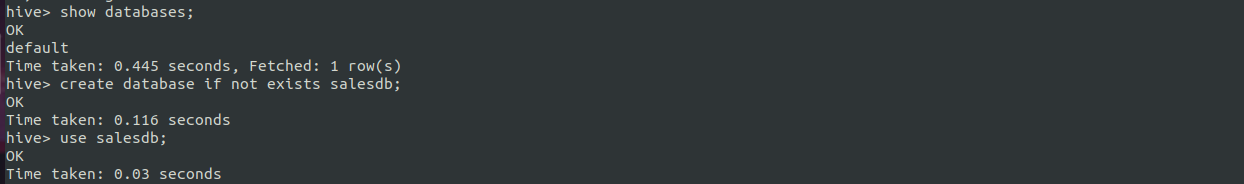


**Creating the database:**

show databases;

create database if not exists salesdb;

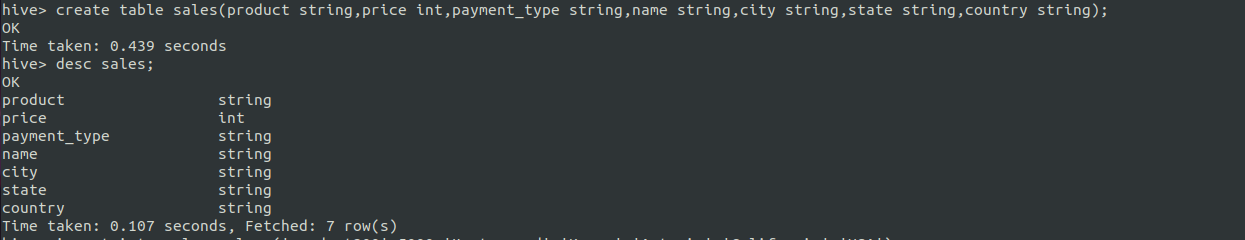
use salesdb;



**Creating table:**

create table sales(product string,price int,payment\_type string,name string,city string,state string,country string);

desc sales;



**Inserting values into the table:**

insert into sales values('product200',5000,'Mastercard','Kumar','Astoria','California','USA');

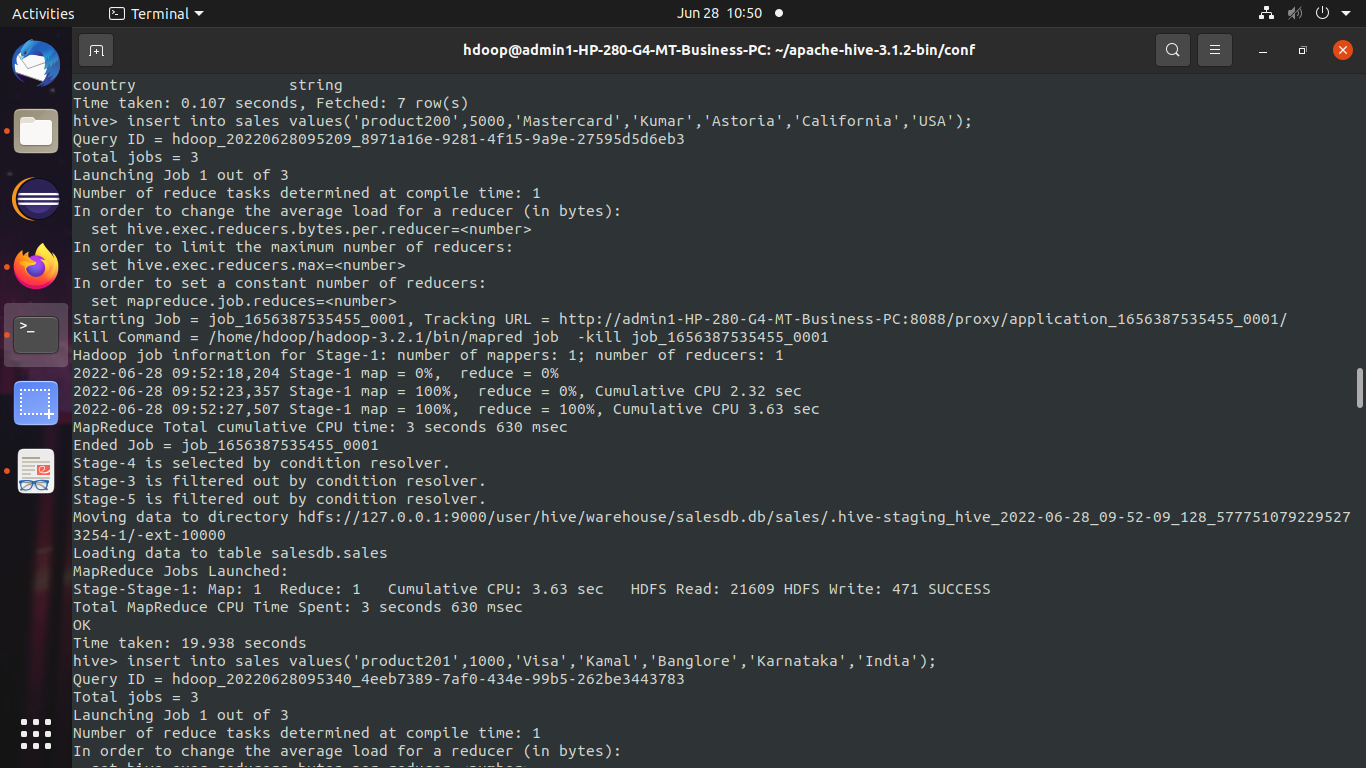
insert into sales values('product201',1000,'Visa','Kamal','Banglore','Karnataka','India');

insert into sales values('product202',3000,'Diners','Koushik','Banglore','Karnataka','India');

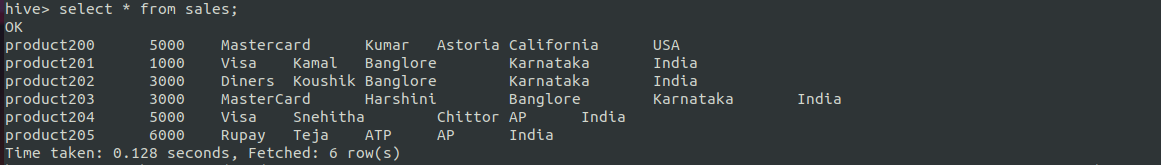
insert into sales values('product203',3000,'MasterCard','Harshini','Banglore','Karnataka','India');

insert into sales values('product204',5000,'Visa','Snehitha','Chittor','AP','India');

insert into sales values('product205',6000,'Rupay','Teja','ATP','AP','India');



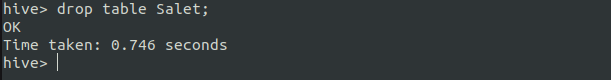
select \* from sales;



**Dropping the table:**

create table Salet(Product string,Price int,Payment\_type string,Name string,City string,State string,Country string)

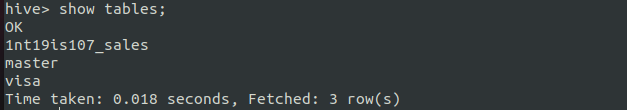
drop table Salet;

****

**Alter table:**

alter table sales rename to 1nt19is107\_sales;





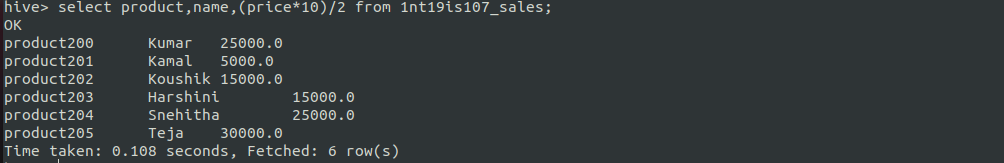
**3.Built in operators:**

### **Arithmetic Operator in Hive**

select product,name,price+1500 from 1nt19is107\_sales;

****

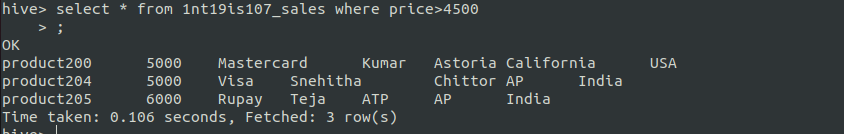
select product,name,(price\*10)/2 from 1nt19is107\_sales;

****

## **Relational Operators in Hive**

select \* from 1nt19is107\_sales where price>4500

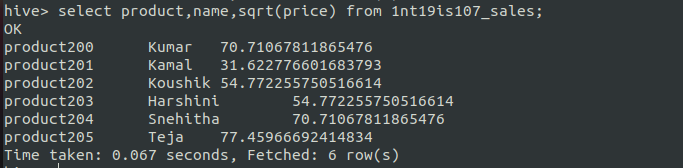
> ;



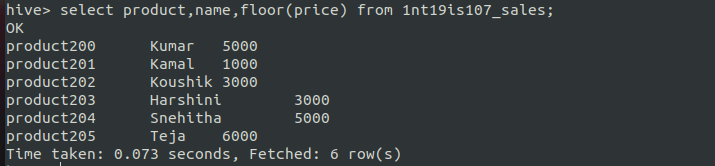
**4.Built in functions:**

**Mathematical Functions in Hive**

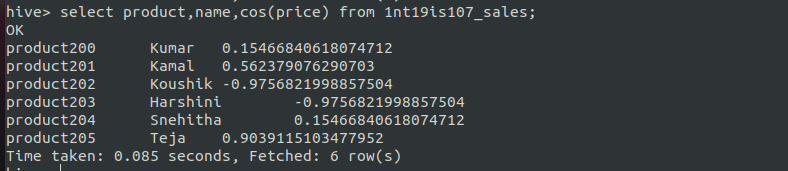
select product,name,sqrt(price) from 1nt19is107\_sales;



select product,name,floor(price) from 1nt19is107\_sales;

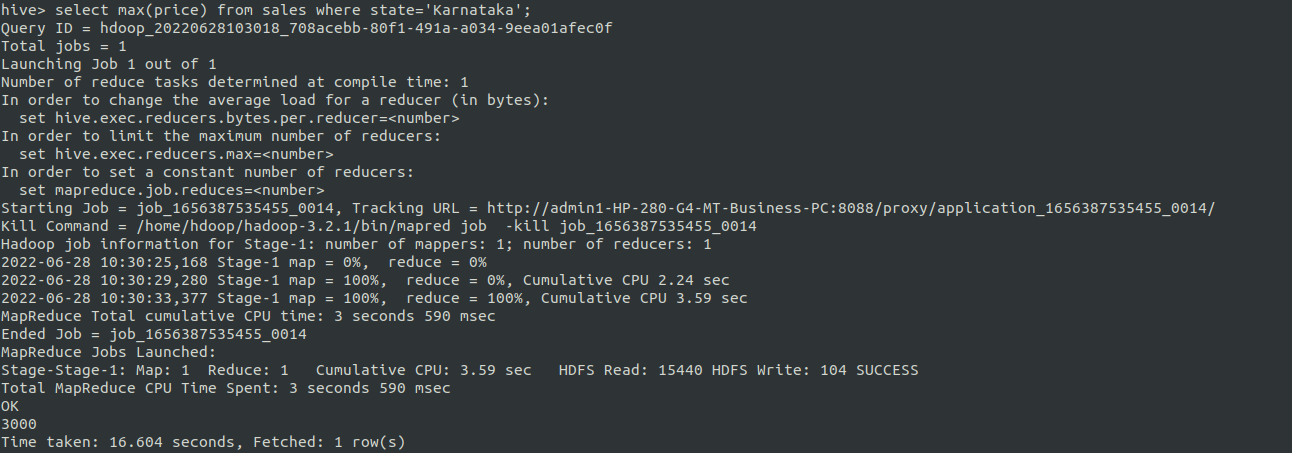


select product,name,cos(price) from 1nt19is107\_sales;



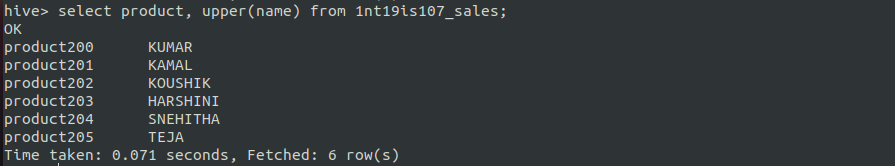
## **Aggregate Functions in Hive**

select max(price) from sales where state='Karnataka';

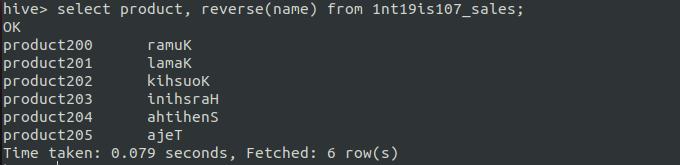


**Other built-in functions**

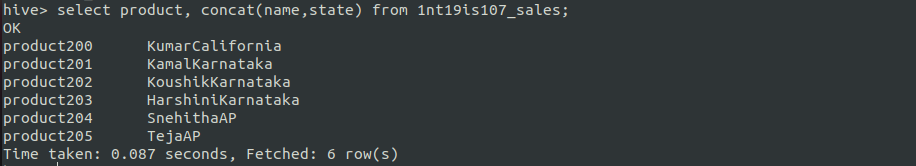
select product, upper(name) from 1nt19is107\_sales;



select product, reverse(name) from 1nt19is107\_sales;

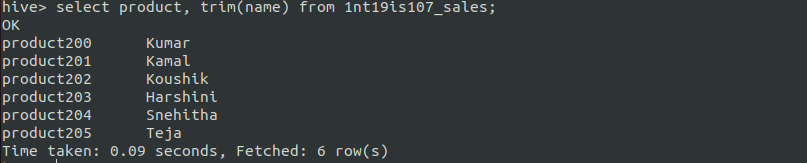


select product, concat(name,state) from 1nt19is107\_sales;



select product, trim(name) from 1nt19is107\_sales;

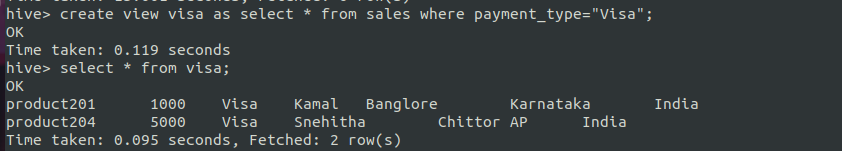
(Removes white spaces from both the ends)



**5.VIEWS:**

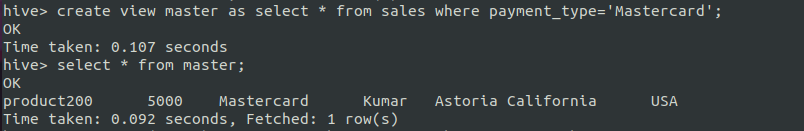
create view visa as select \* from sales where payment\_type="Visa";

select \* from visa;



create view master as select \* from sales where payment\_type='Mastercard';

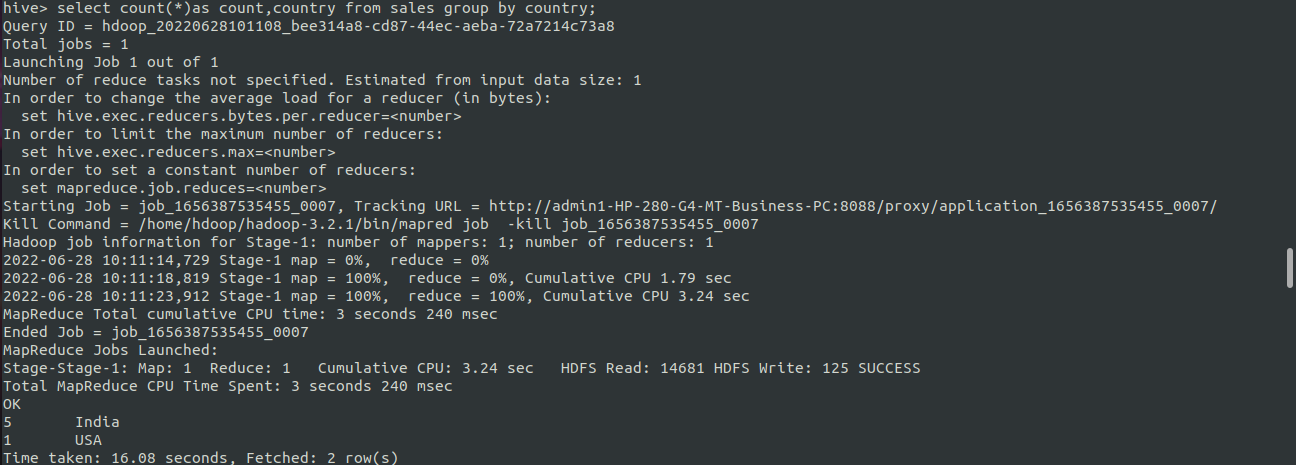
select \* from master;



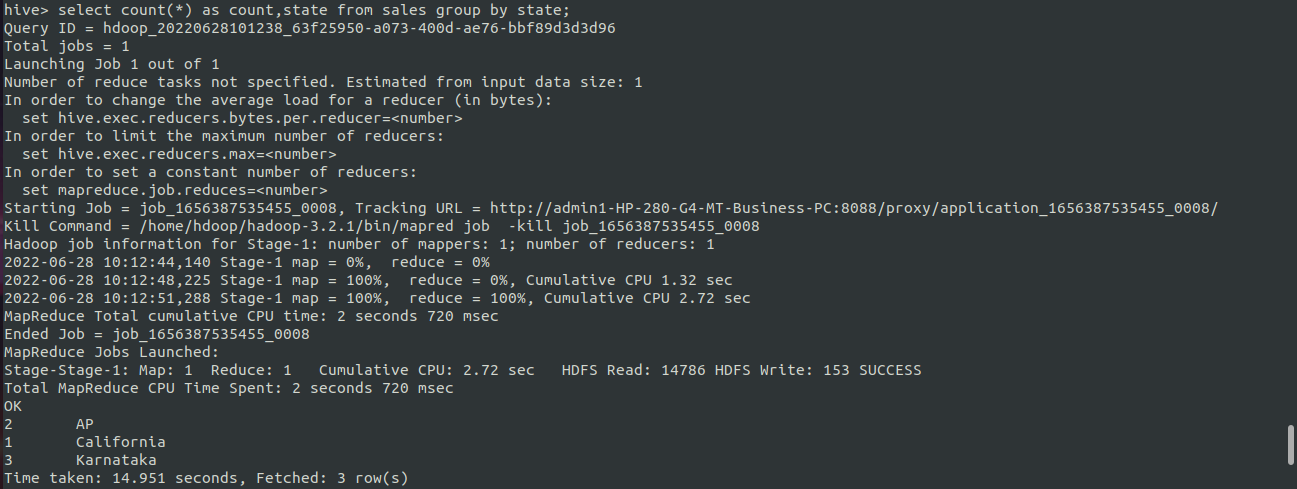
**6.HIVEQL**

**GROUPBY:**

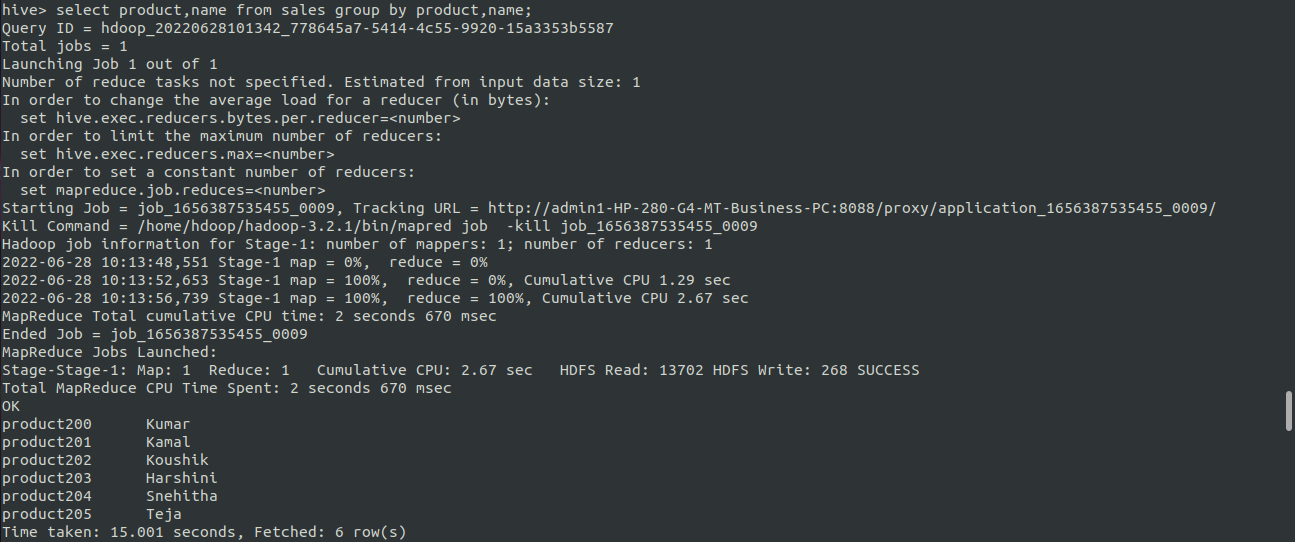
select count(\*)as count,country from sales group by country;



select count(\*) as count,state from sales group by state;

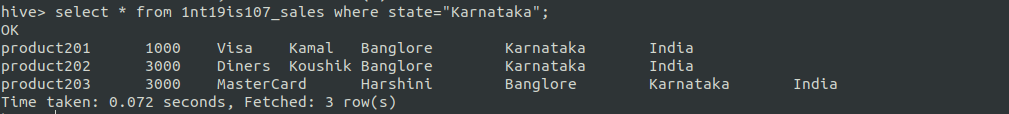


select product,name from sales group by product,name;



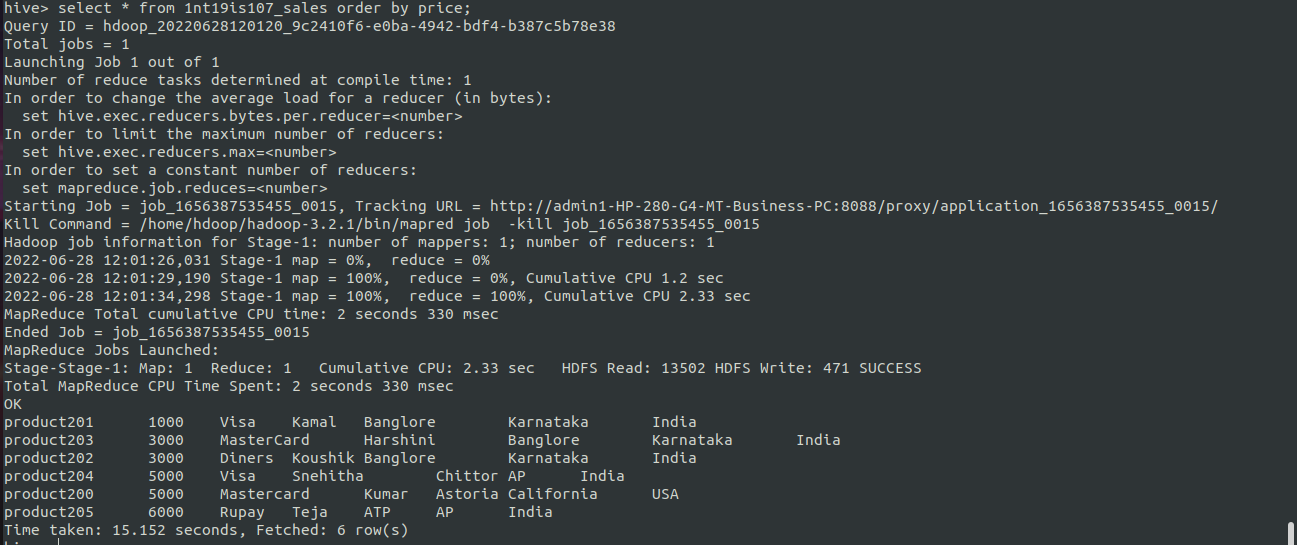
**WHERE:**

select \* from 1nt19is107\_sales where state="Karnataka";

****

**ORDERBY:**

select \* from 1nt19is107\_sales order by price;

****