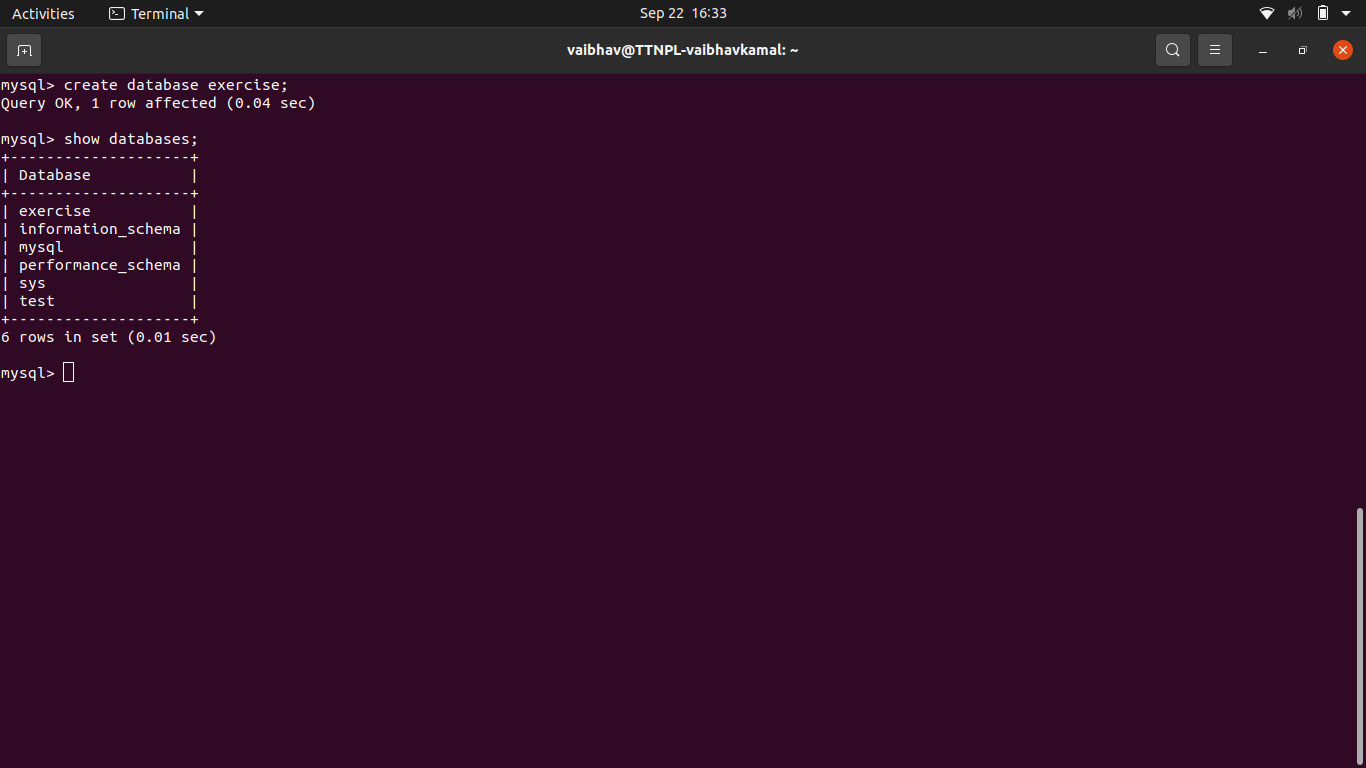
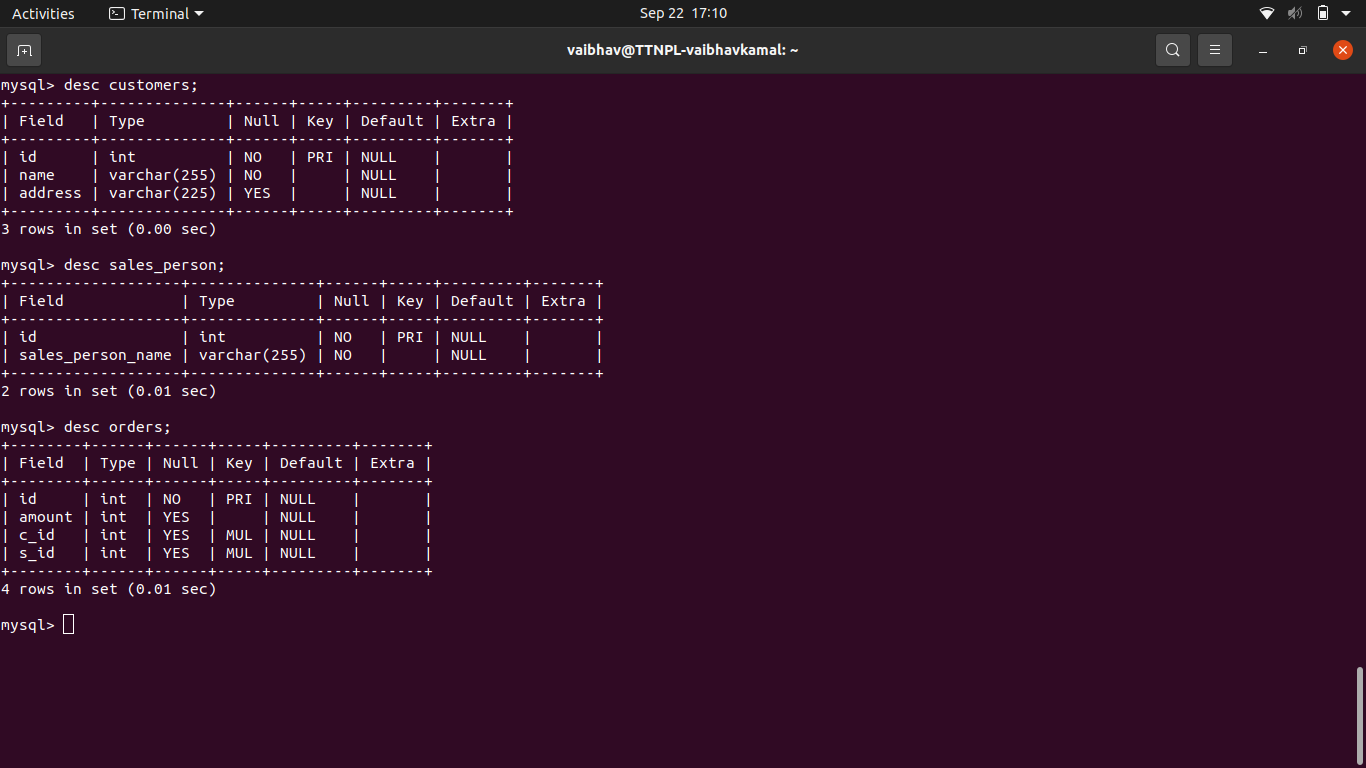
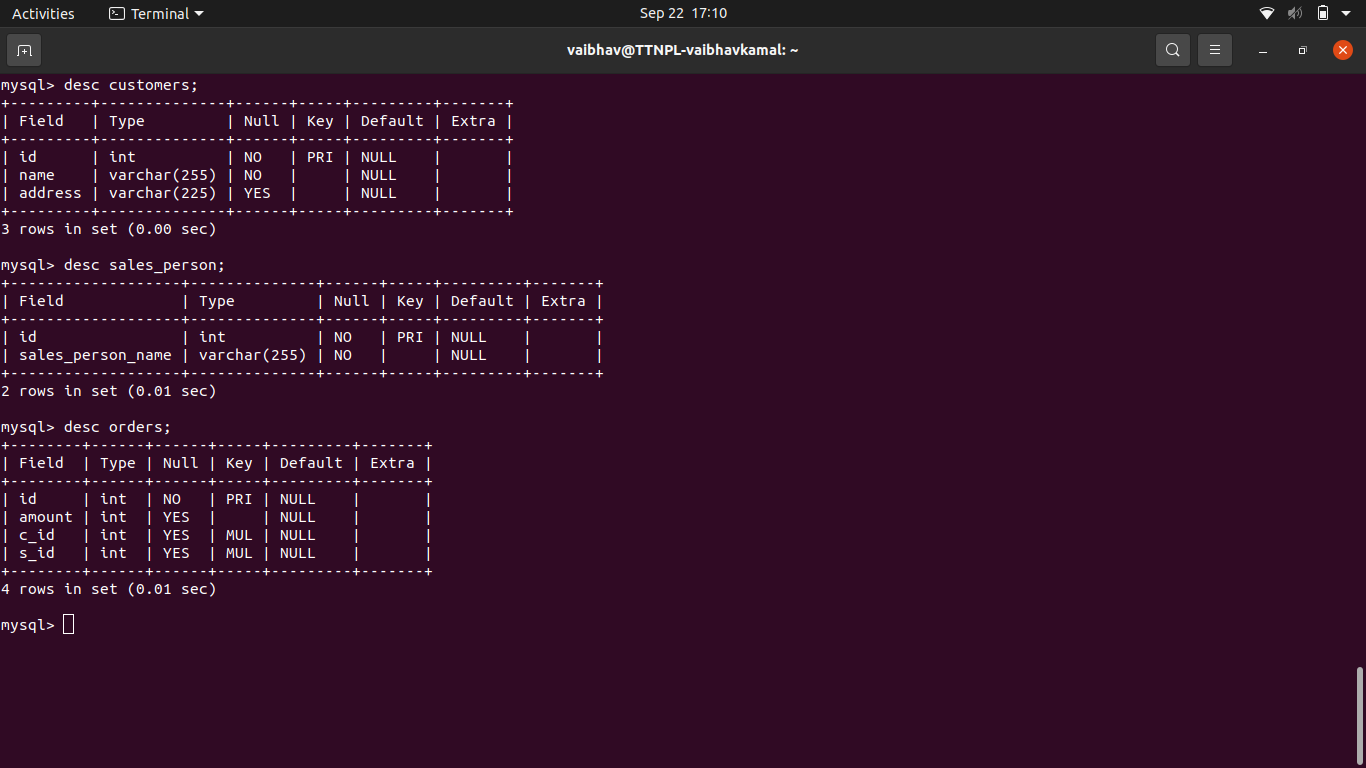
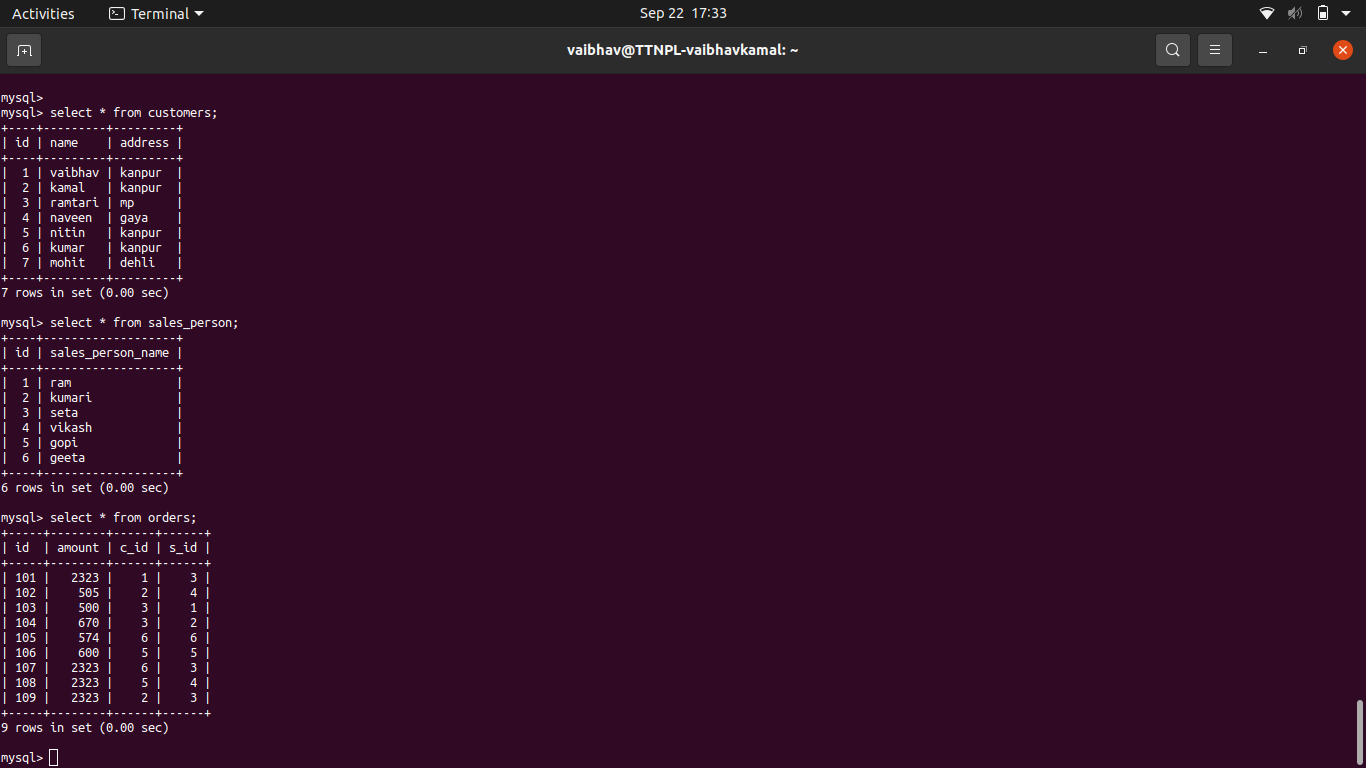
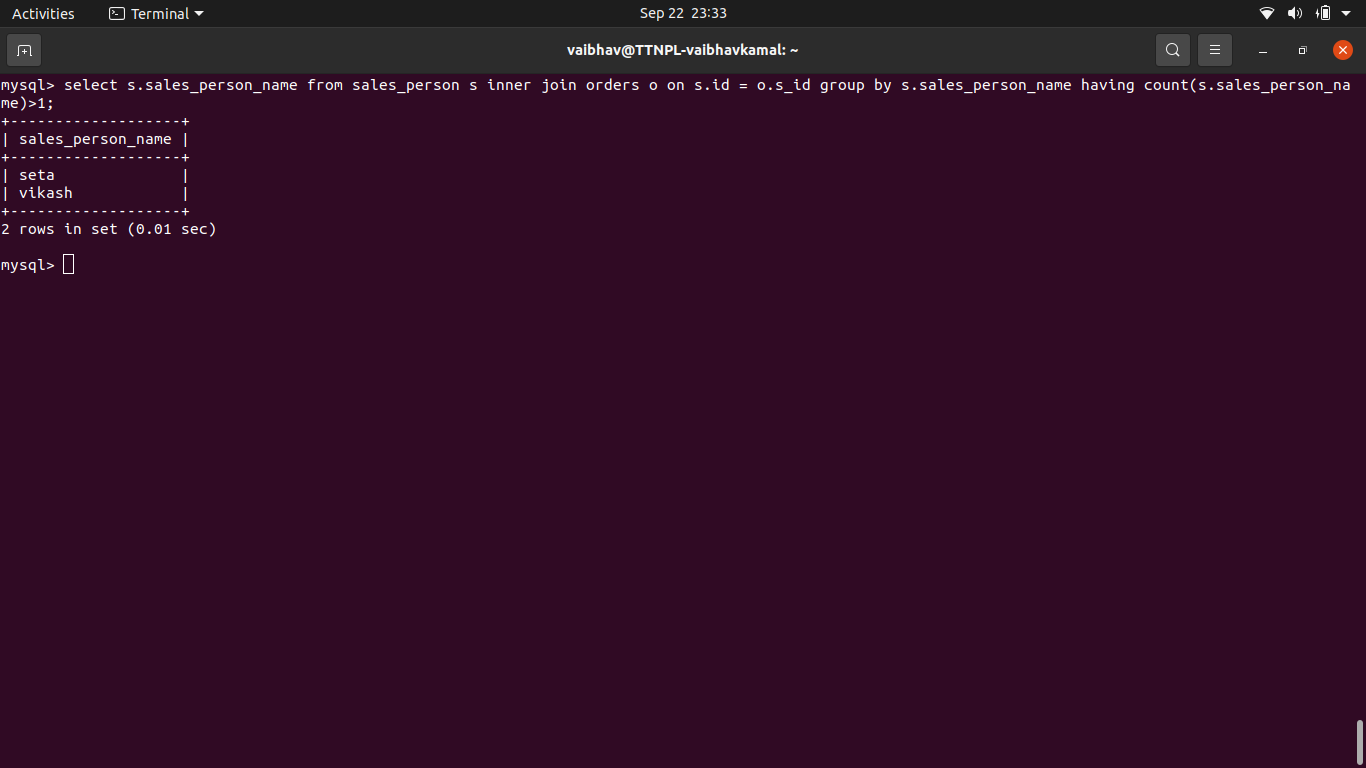
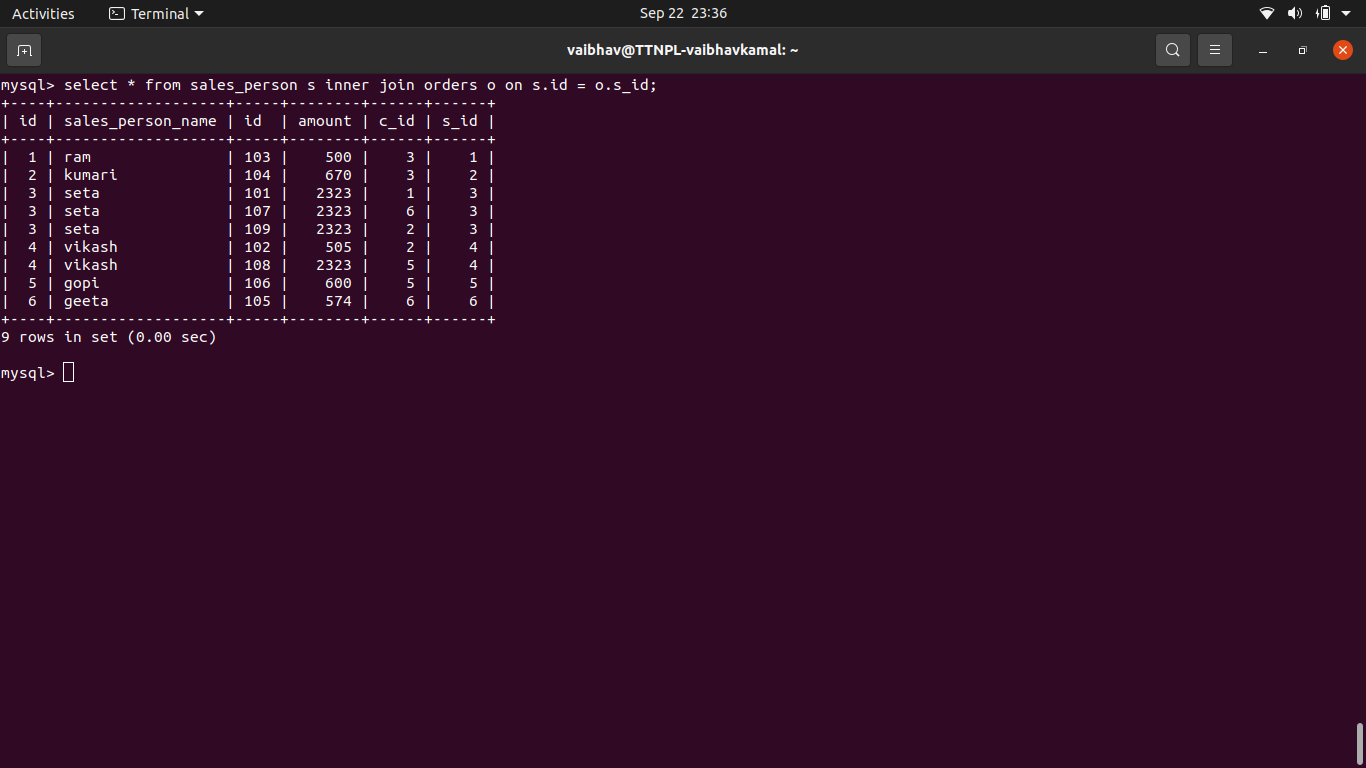
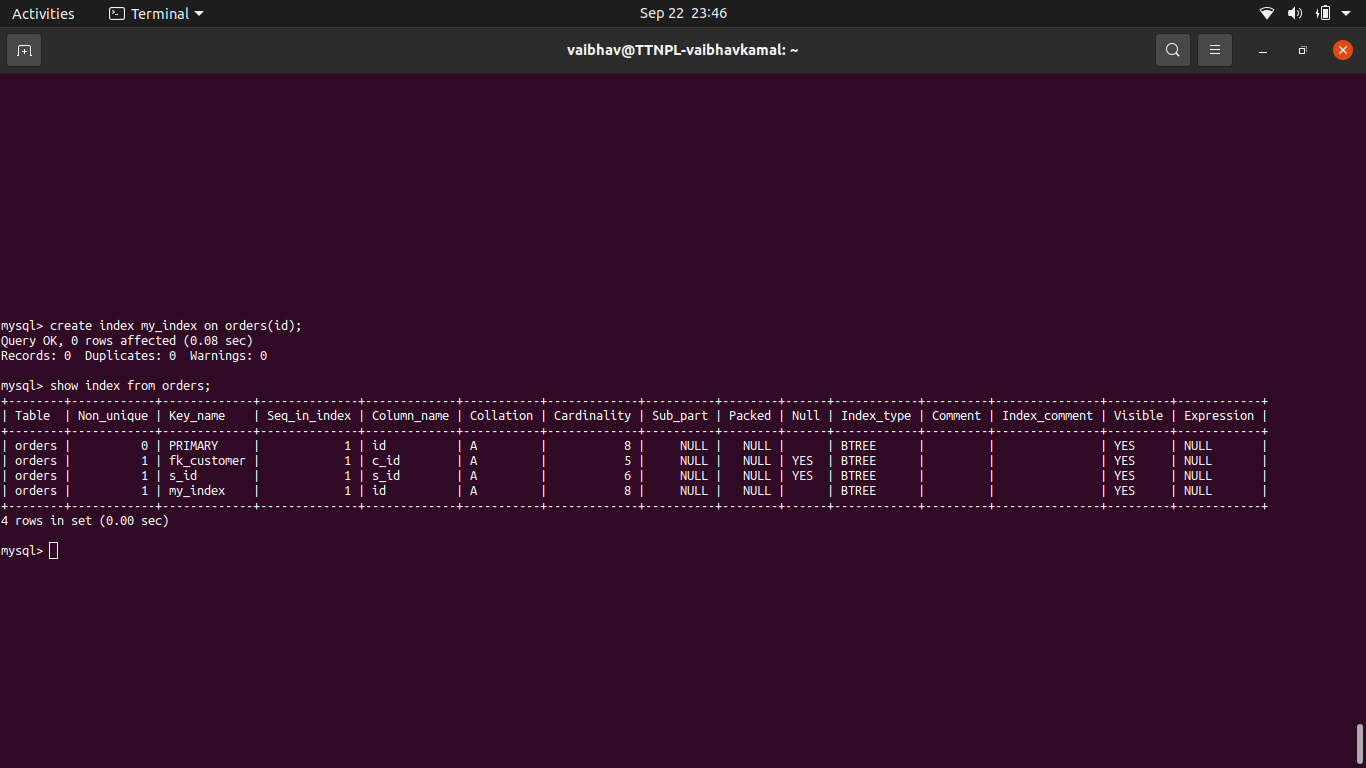
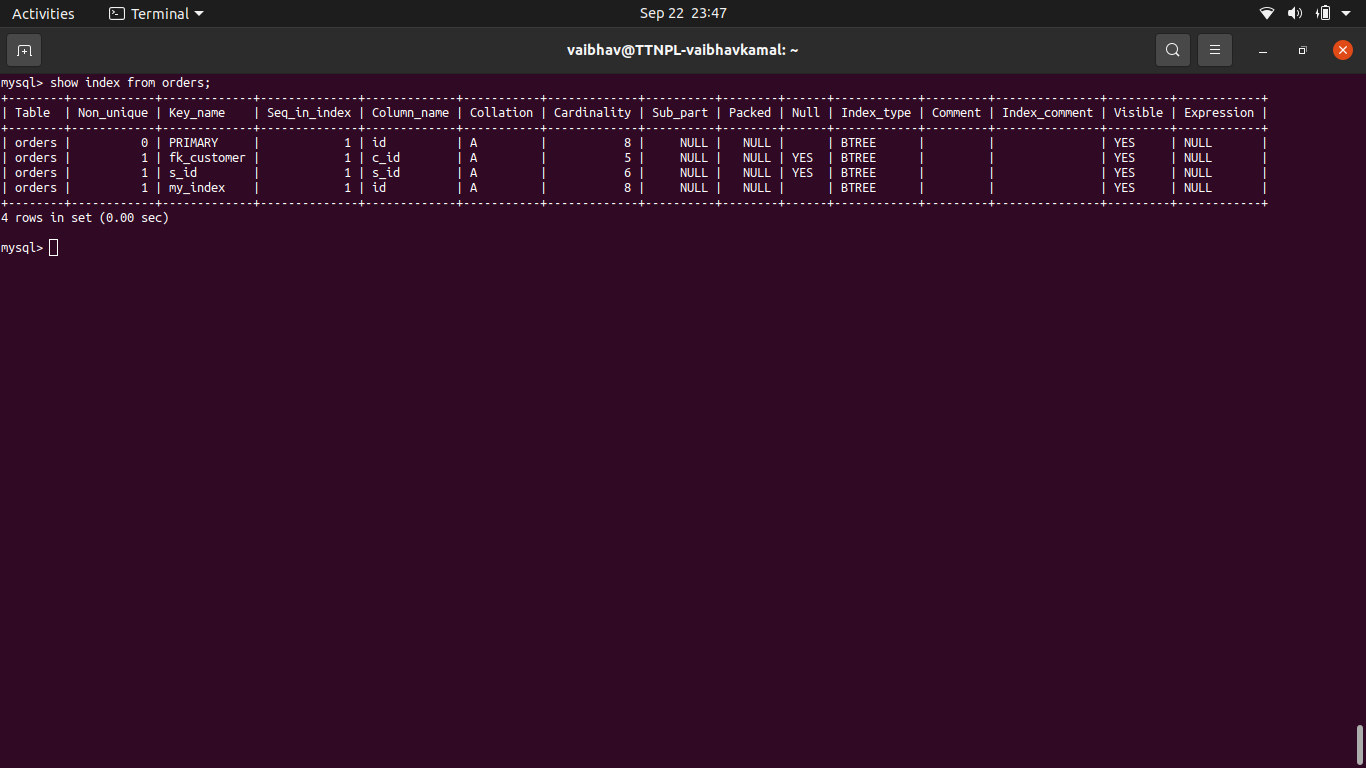
**Database Exercise**

1. **Create Database**
   1. create database exercise;
   2. 
2. **Design Schema** 
   1. 
3. **Create tables** 
   1. Customer = create table customers (id int not null primary key,name varchar(255) not null, address varchar(225));
   2. Sale table = create table sales\_person (id int not null primary key,sales\_person\_name varchar(255) not null)
   3. Orders Table = create table orders(id int primary key,amount int,c\_id int,s\_id int, constraint fk\_customer foreign key(c\_id) references customers(id), constraint foreign key(s\_id) references sales\_person(id));
   4. 
4. **Insert sample data** 
   1. 
5. **Find the sales person have multiple orders.** 
   1. select s.sales\_person\_name from sales\_person s inner join orders o on s.id = o.s\_id group by s.sales\_person\_name having count(s.sales\_person\_name)>1;
   2. 
6. **Find the all sales person details along with order details**
   1. **select \* from sales\_person s inner join orders o on s.id = o.s\_id;**
   2. 
7. **Create index**
   1. create index my\_index on orders(id);
   2. 
8. **How to show index on a table**
   1. show index from orders;
   2. 
9. **Find the order number, sale person name, along with the customer to whom that order belongs to**
   1. select o.id,s.sales\_person\_name,c.name from orders o inner join sales\_person s inner join customers c on o.s\_id = s.id and o.c\_id = c.id;
   2. 