1. Create Database

**create database retail\_db;**

**use retail\_db;**

1. Design Schema

**create table order\_items (order\_item\_id int(12) primary key,order\_item\_order\_id int(12),order\_item\_name varchar(20),foreign key (order\_item\_order\_id) references orders(order\_id));**

**create table orders (order\_id int(12) primary key,order\_cust\_id int(12),sales\_name varchar(20),foreign key (order\_cust\_id) references customers(cust\_id));**

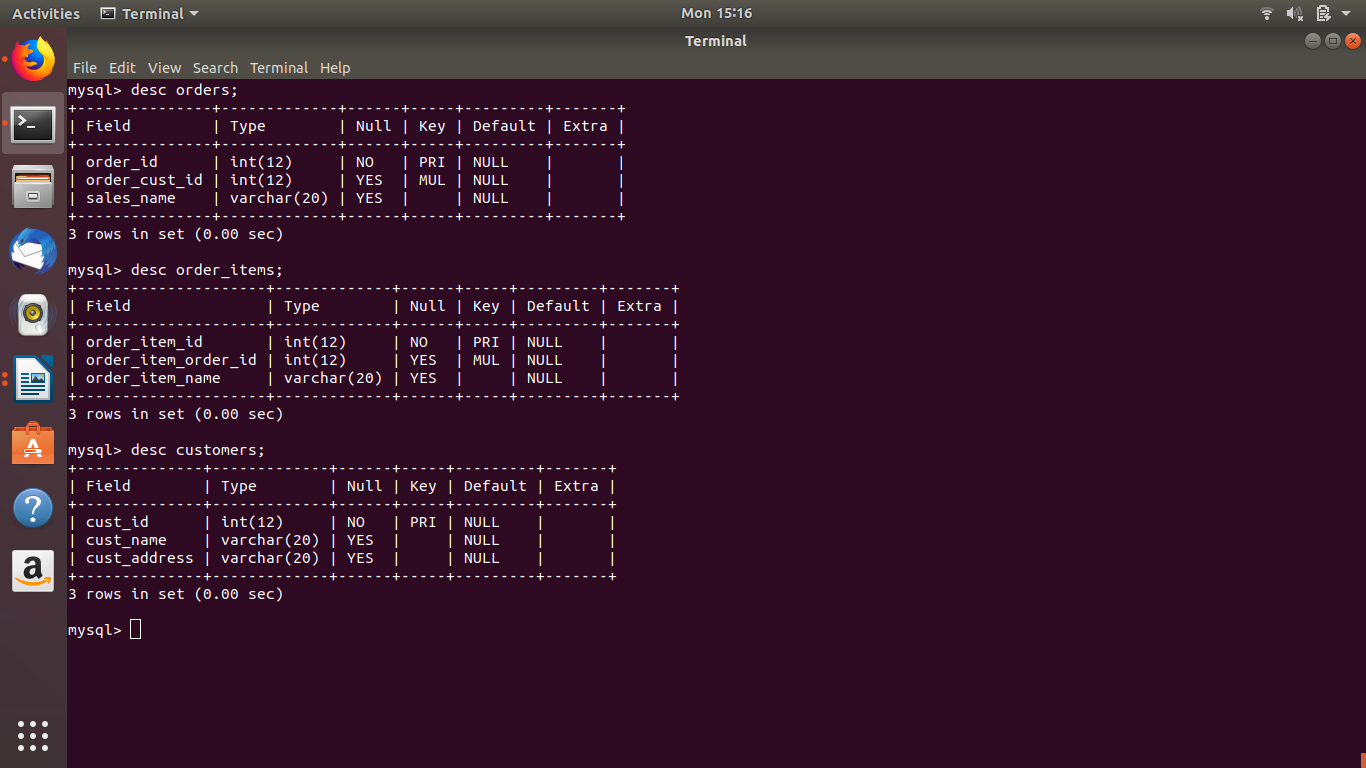
1. Create tables

**create table customers (cust\_id int(12) primary key,cust\_name varchar(22),cust\_address varchar(22));**

**desc order\_items;**

**desc orders;**

**desc customers;**

****

1. Insert sample data

**insert into order\_items values(1,500,"table"),(2,500,"chair"),(3,700,"pants"),(4,700,"jeans");**

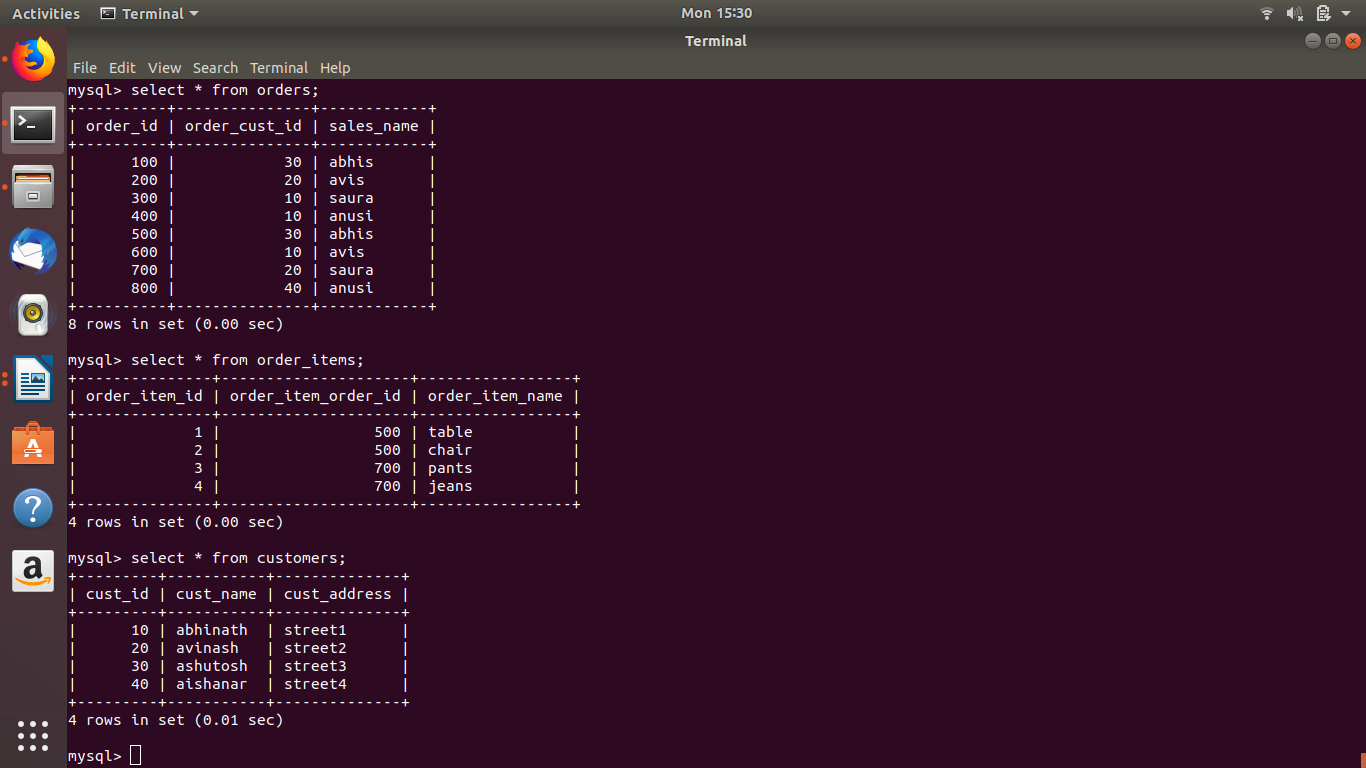
**insert into customers values(10,"abhinath","street1"),(20,"avinash","street2"),(30,"ashutosh","street3"),(40,"aishanar","street4");**

**insert into orders values(500,30,"abhis"),(600,10,"avis"),(700,20,"saura"),(800,40,"anusi"),(100,30,"abhis"),(200,20,"avis"),(300,10,"saura"),(400,10,"anusi");**

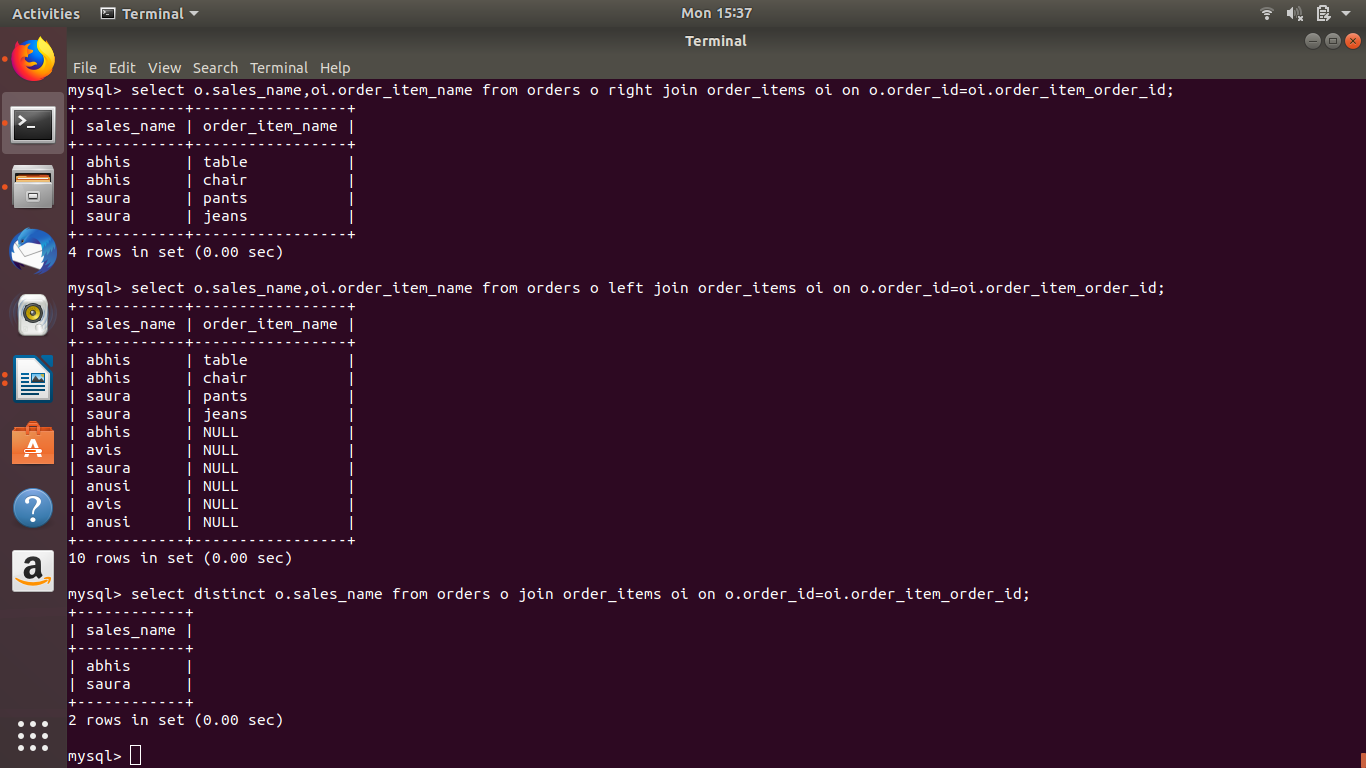
**select \* from order\_items;**

**select \* from orders;**

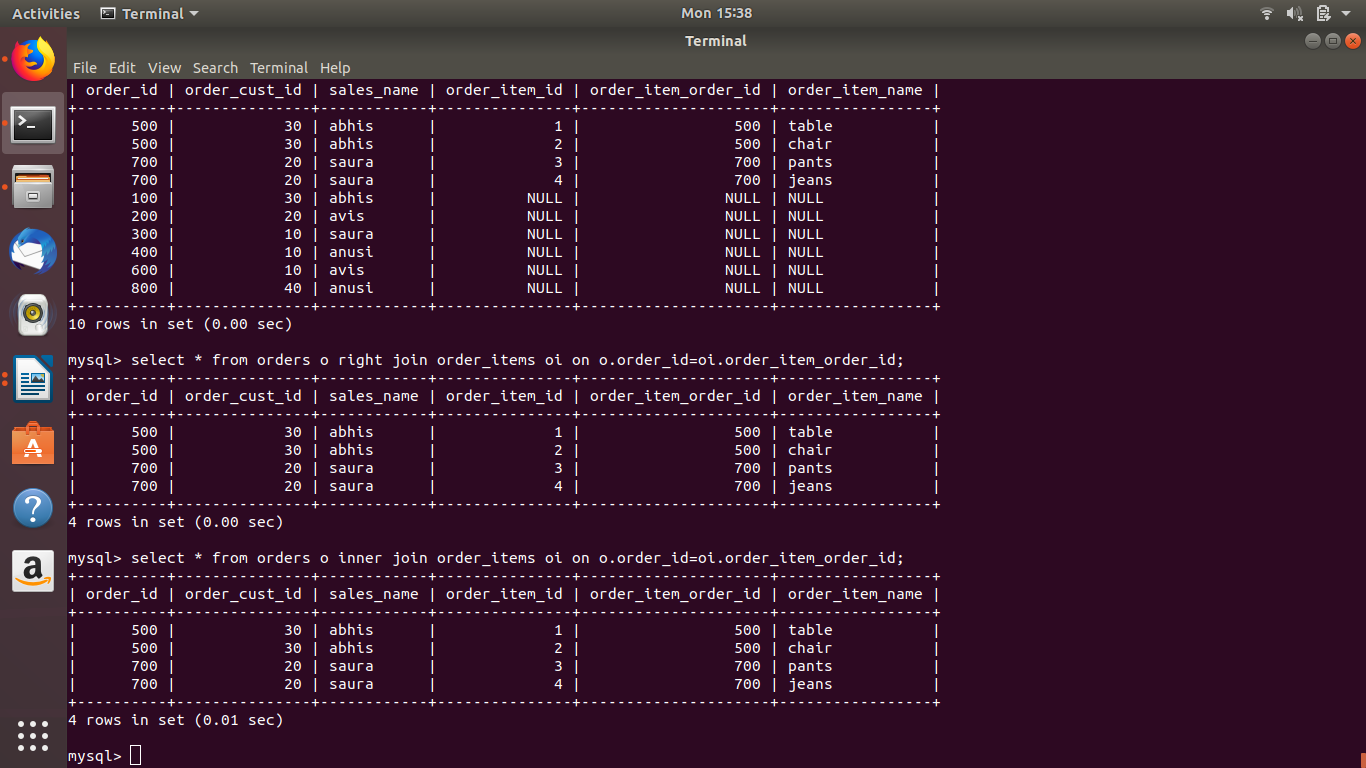
**select \* from customers;**

****

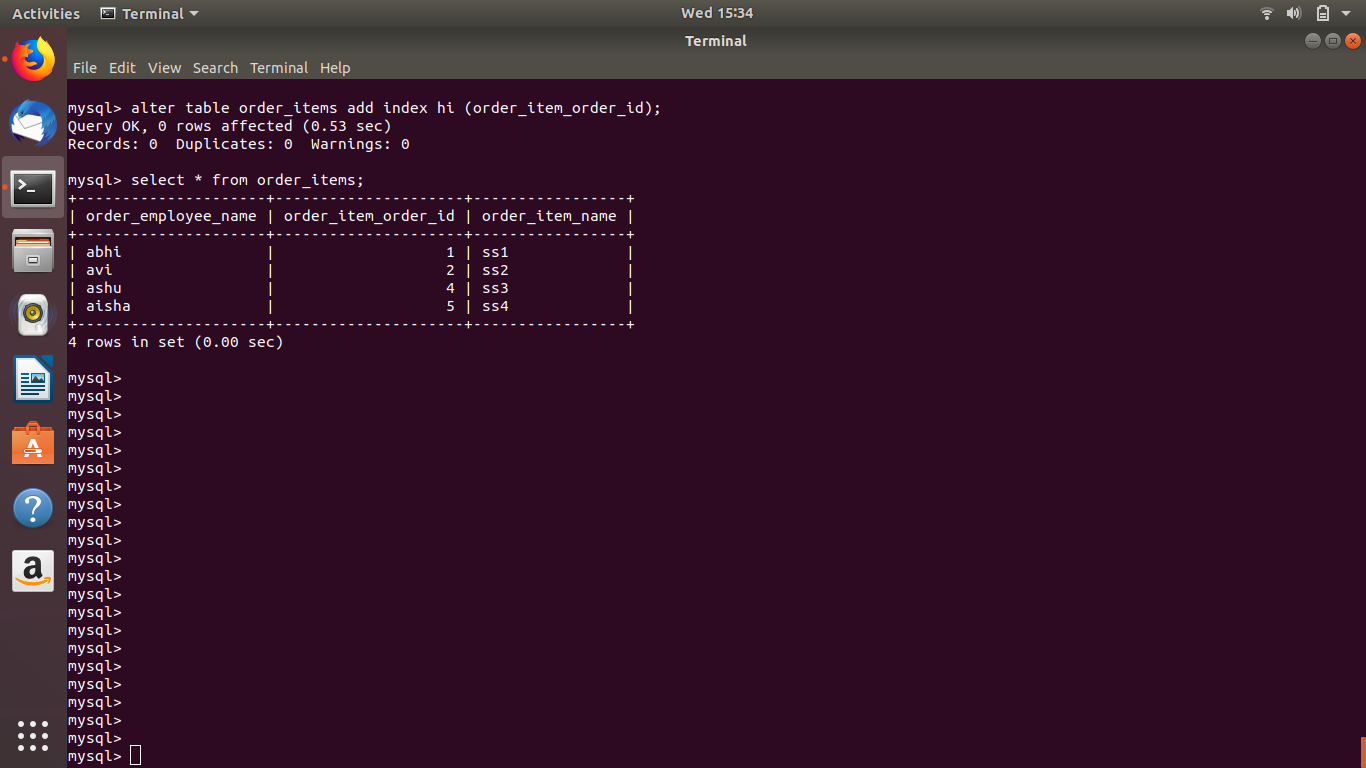
1. Find the sales person have multiple orders.



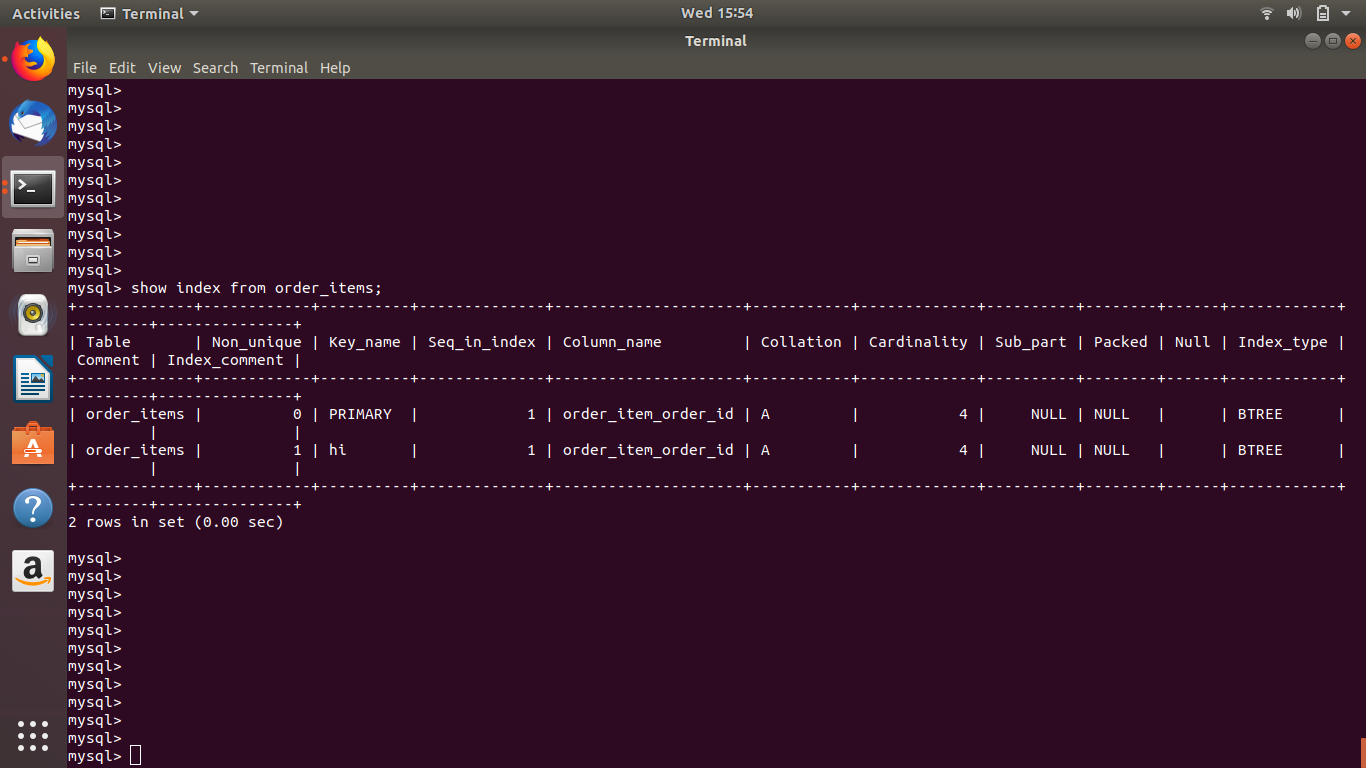
1. Find the all sales person details along with order details



1. Create index



1. How to show index on a table



1. Find the order number, sale person name, along with the customer to whom that order belongs to

