1. Create Database

**create database retail\_db;**

**use retail\_db;**

1. Design Schema

**create table order\_items(order\_employee\_name varchar(25),order\_item\_order\_id int(12) primary key auto\_increment,order\_item\_name varchar(22));**

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

1. Create tables

**create table departments (dep\_id int(12) not null,dep\_name varchar(25));**

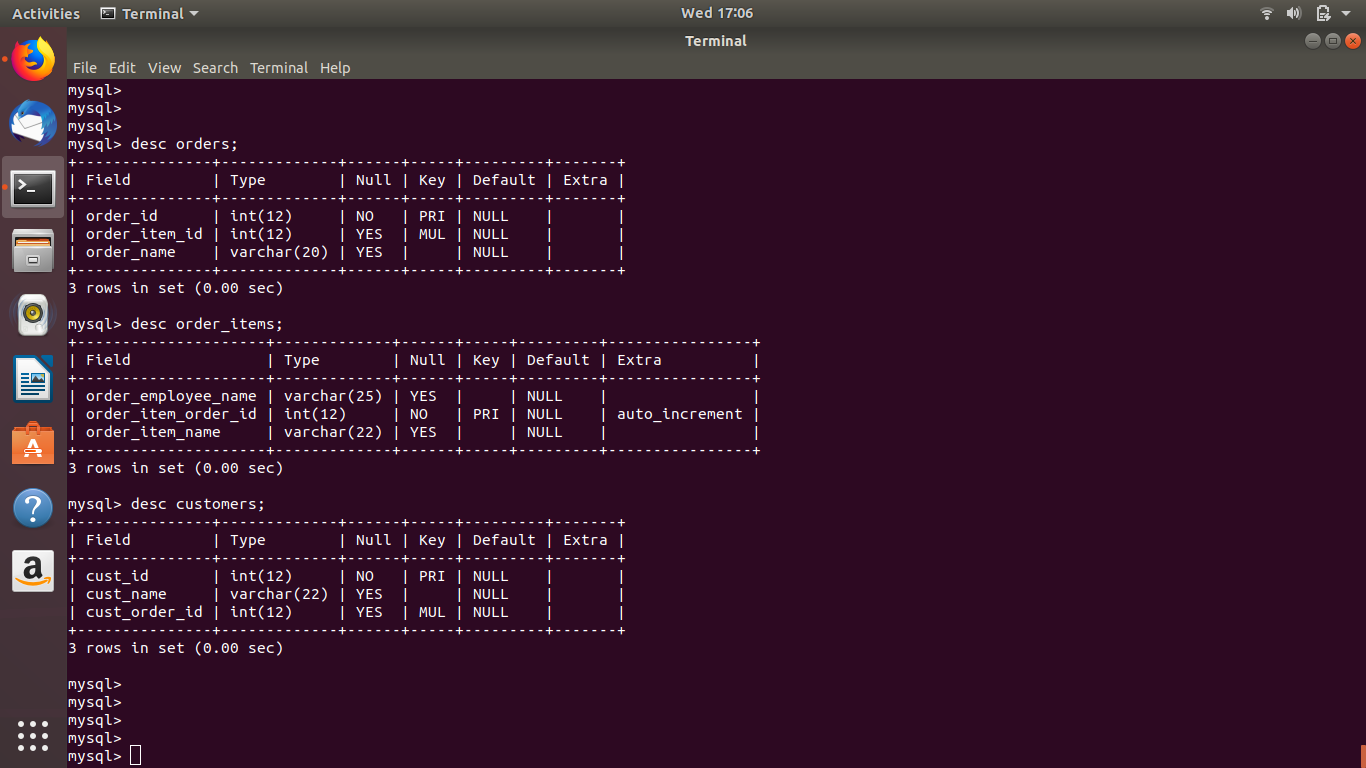
**create table customers (cust\_id int(12) primary key,cust\_name varchar(22),cust\_order\_id int(12), foreign key (cust\_order\_id) references orders(order\_id));**

**desc departments;**

**desc order\_items;**

**desc orders;**

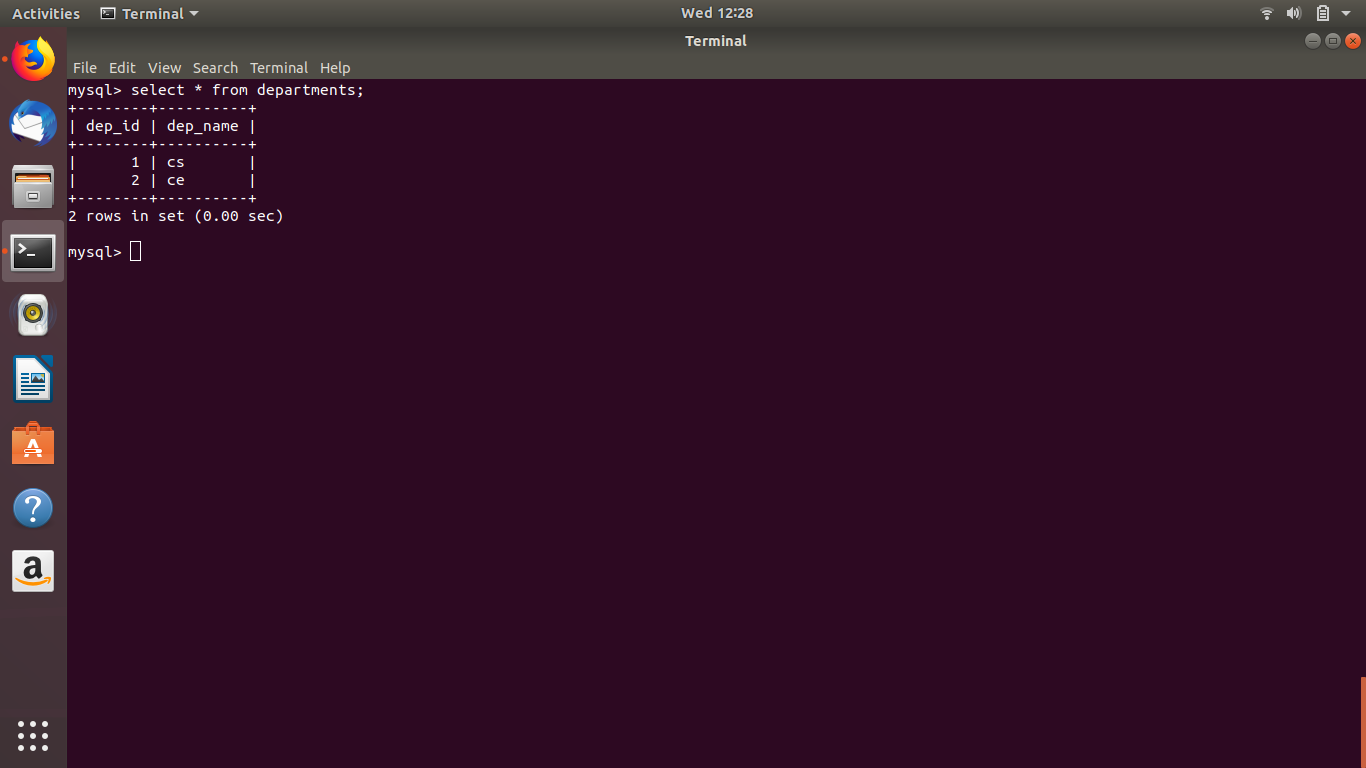
**desc customers;**

****

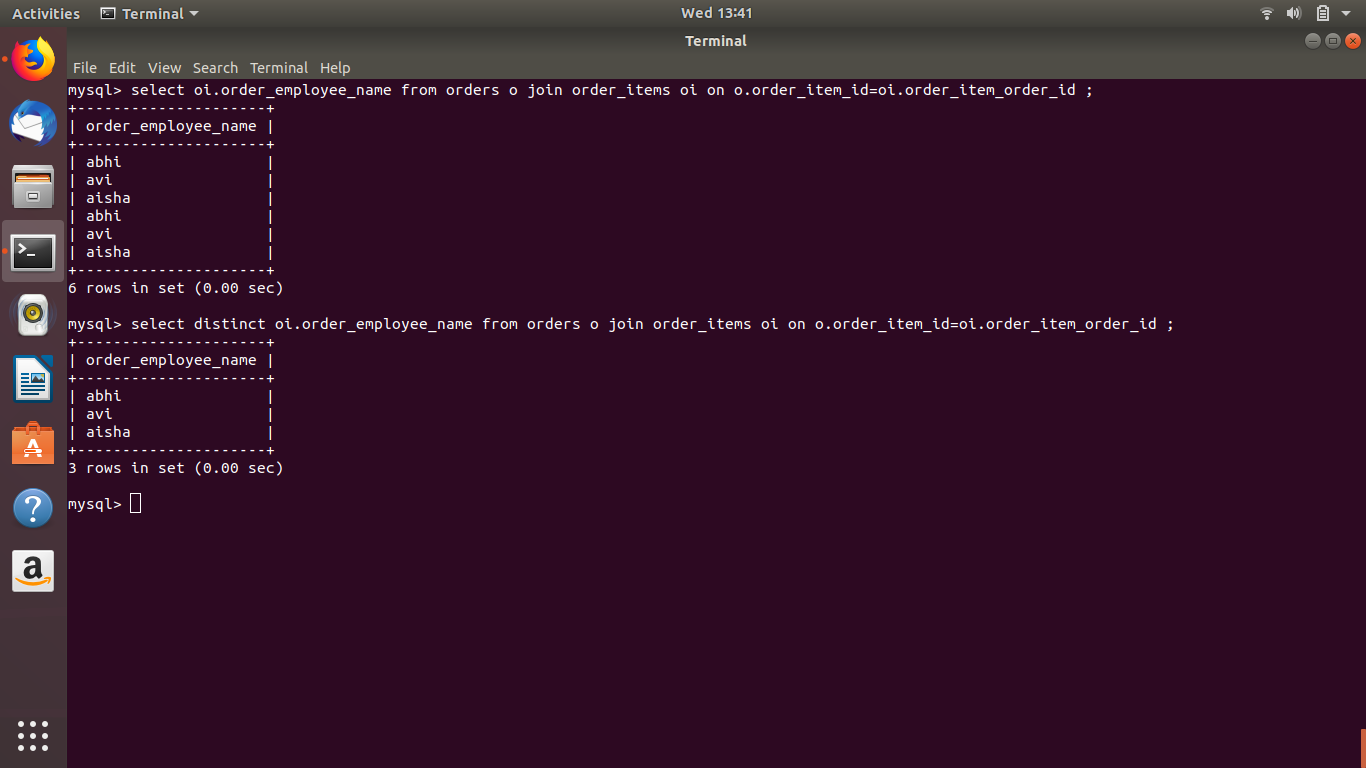
1. Insert sample data

**insert into departments values (1 , "cs"),(2,"ce");**

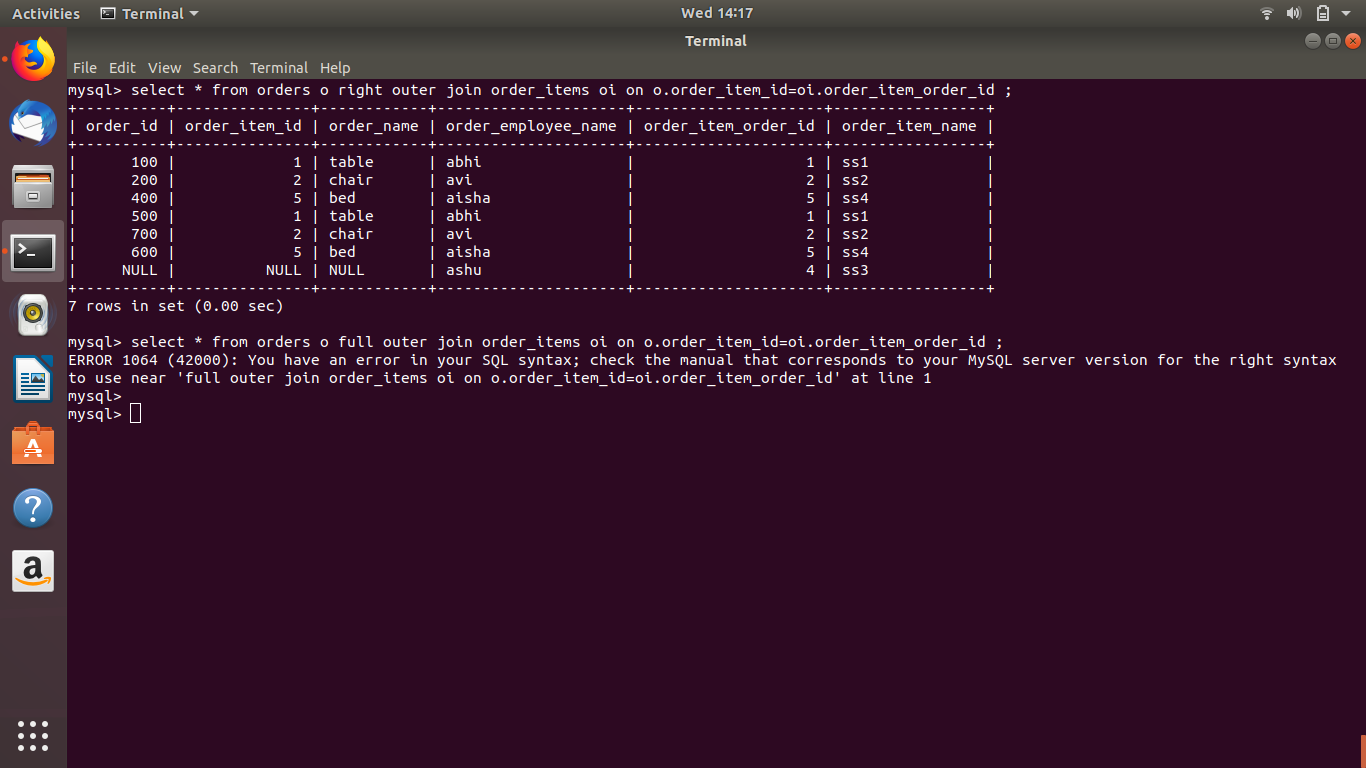
**select \* from departments;**

****

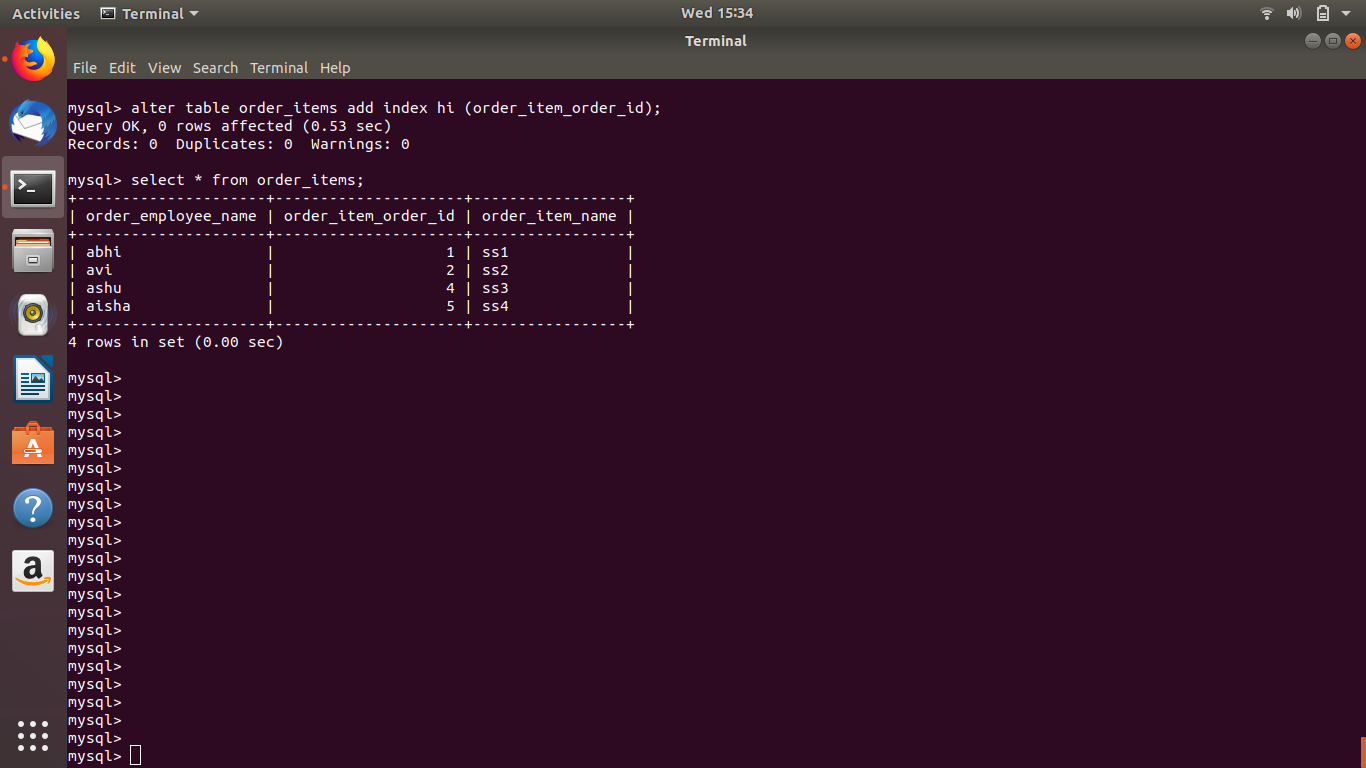
1. Find the sales person have multiple orders.



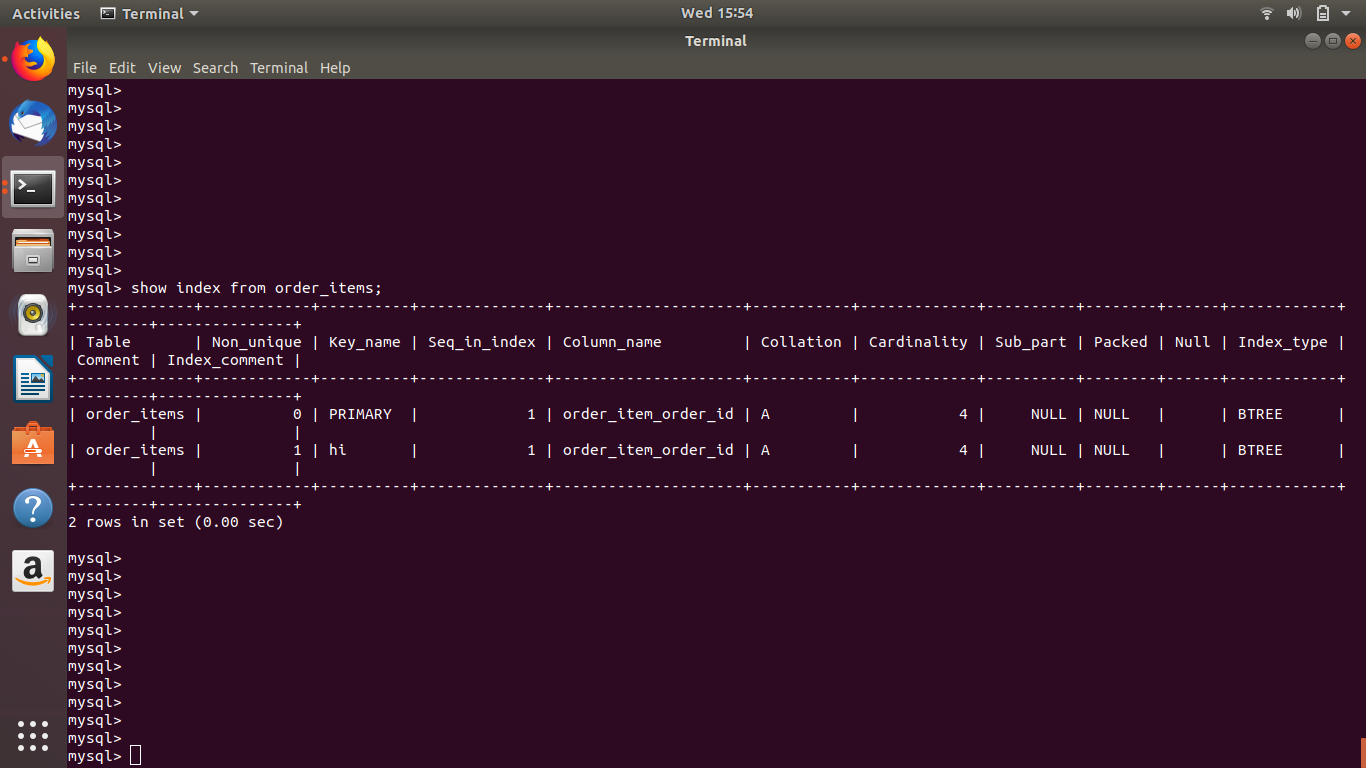
1. Find the all sales person details along with order details



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

