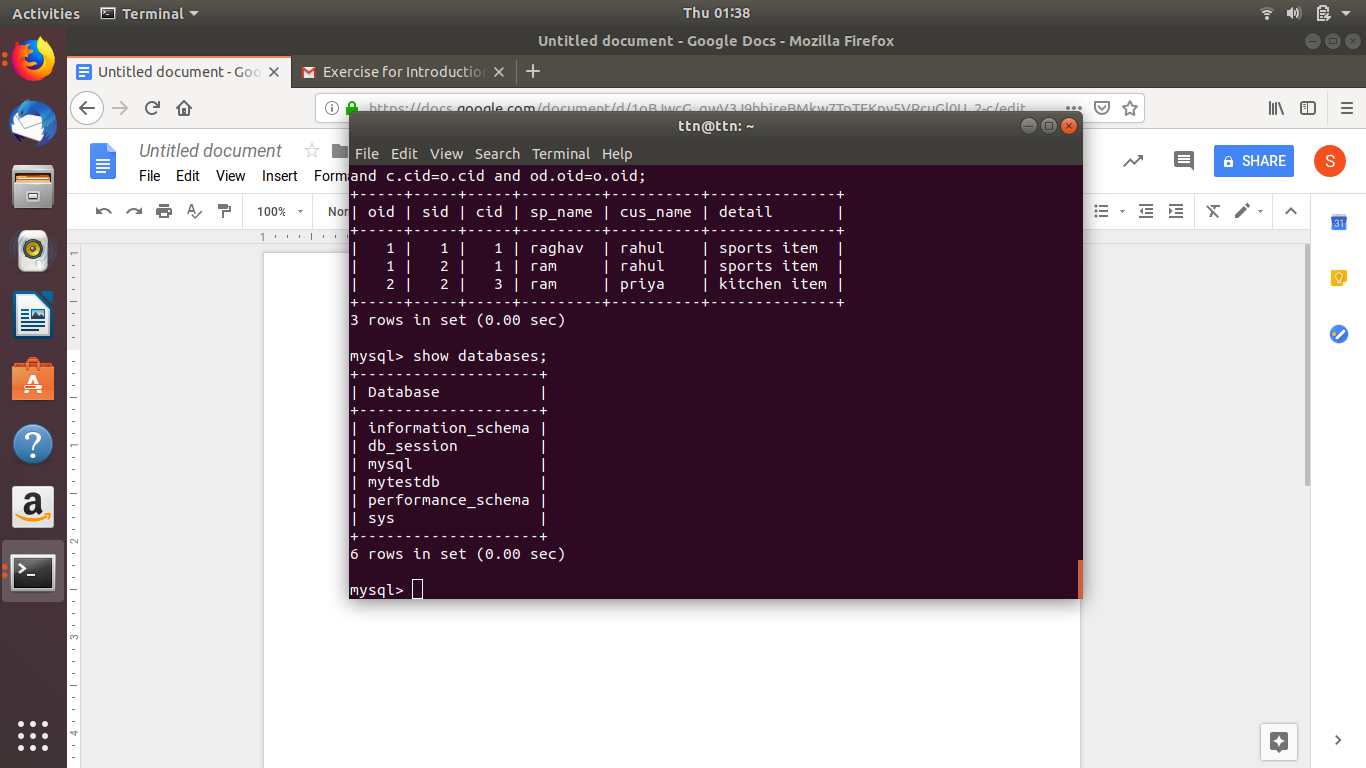
**Exercise for Introduction to Databases**

**1.Create Database:**

****

In this our database is **mytestdb.**

**2.Design schema**

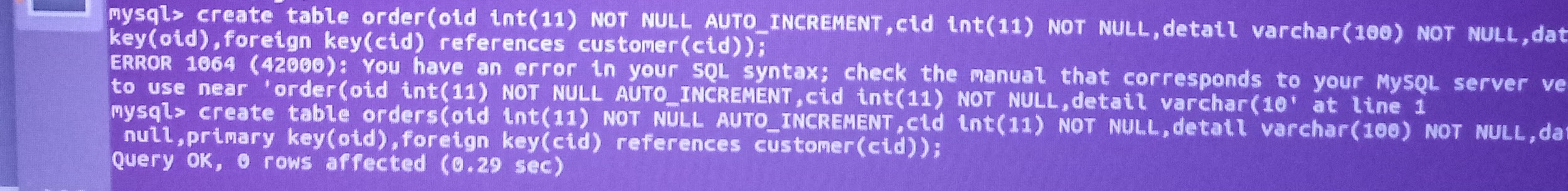
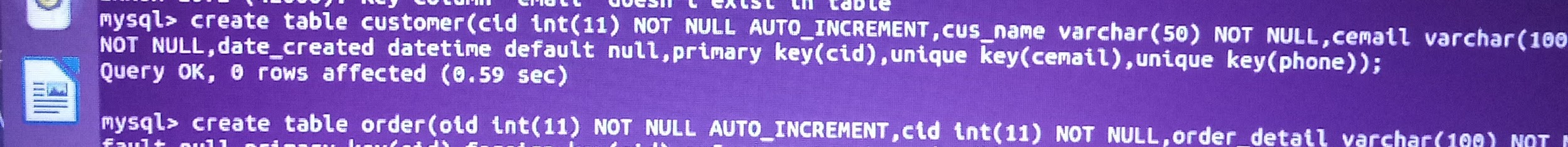
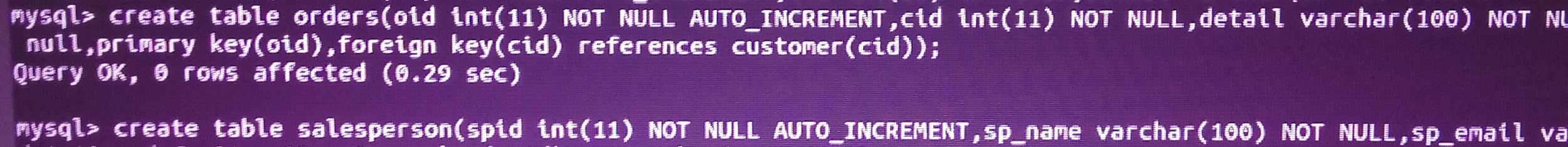
1)Customer(cid(pk),cus\_name,cemail,phone,date\_created).

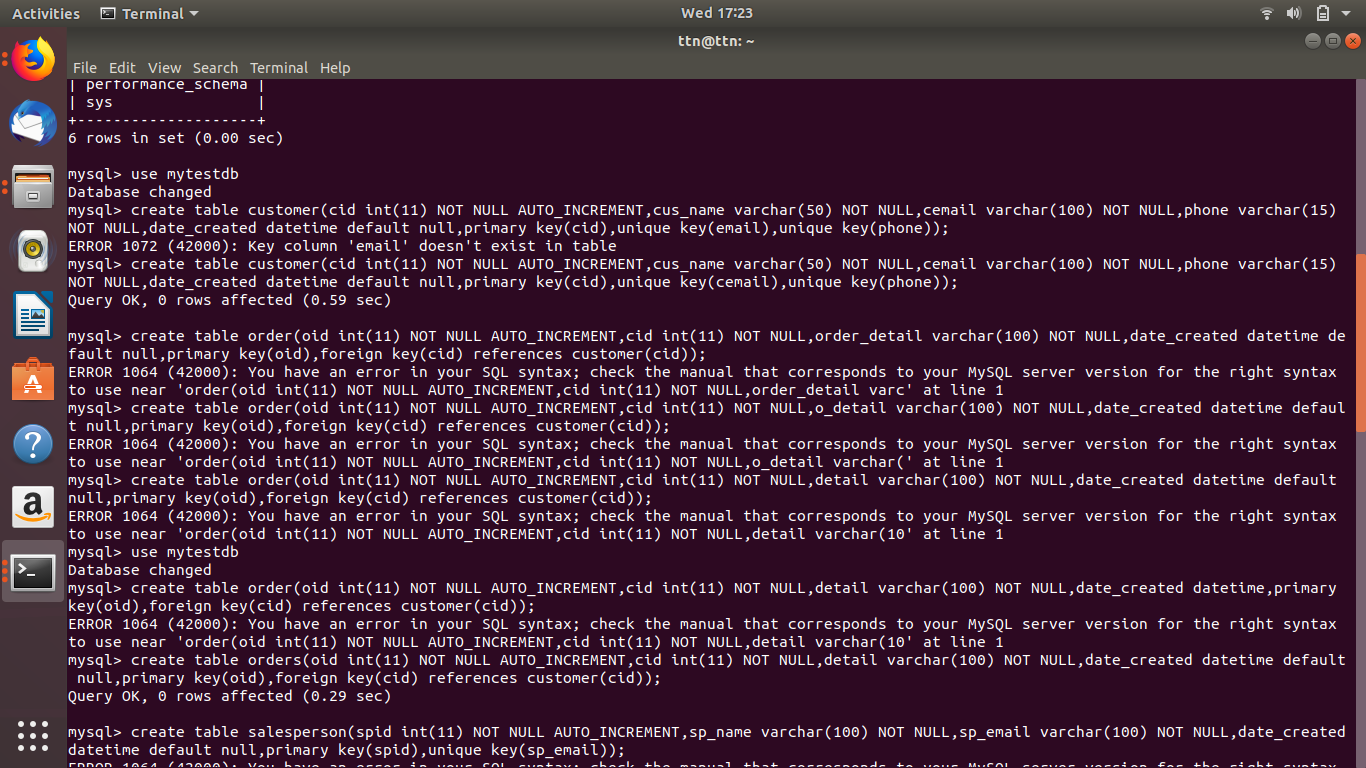
2)orders(oid(pk),cid(foreign key to customer(cid)),detail,date\_created).

3)salesperson(speid(pk),sp\_name,sp\_email,date\_created).

4)order\_for\_salesperson(**oid**(foreign key to orders(oid)),**sid**(foreign key to salesperson(speid)),**cid**(foreign key to customer(cid)),date\_created).

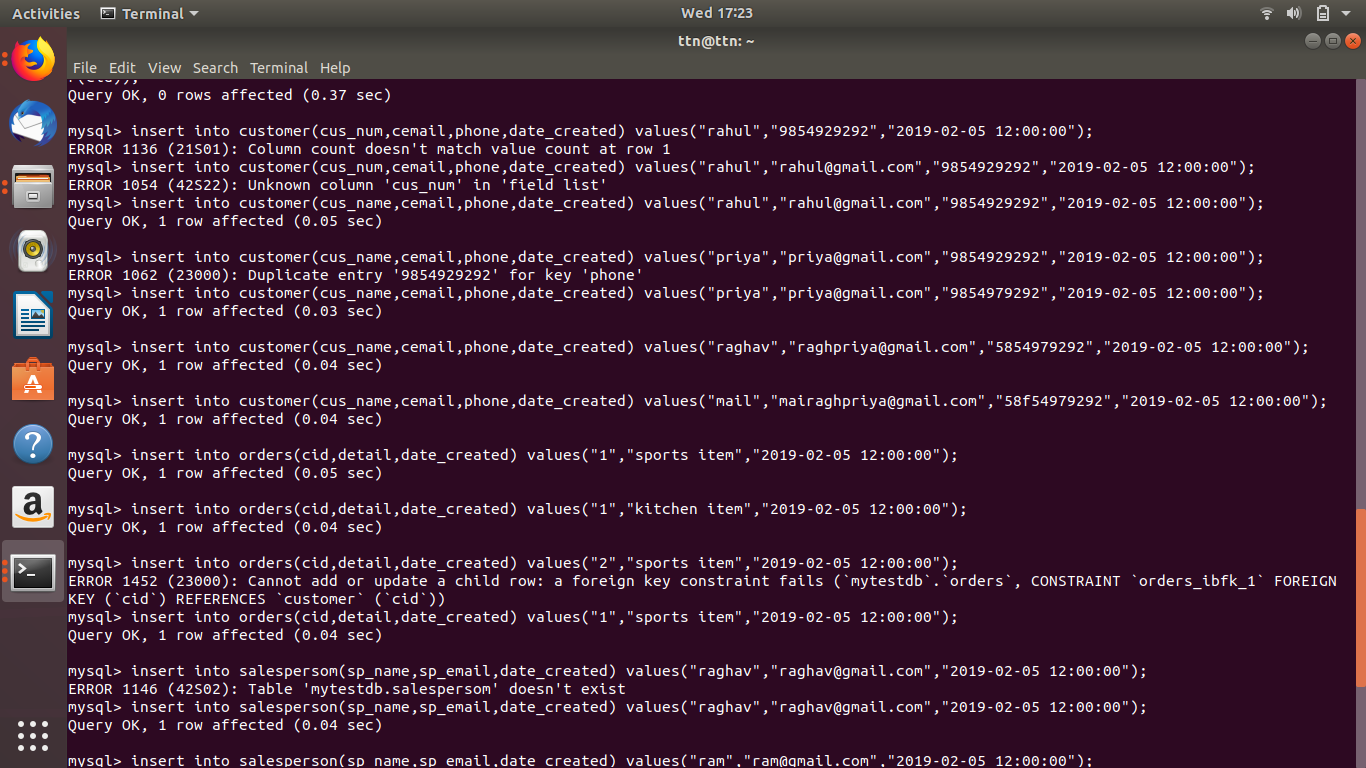
**3.create tables**

****

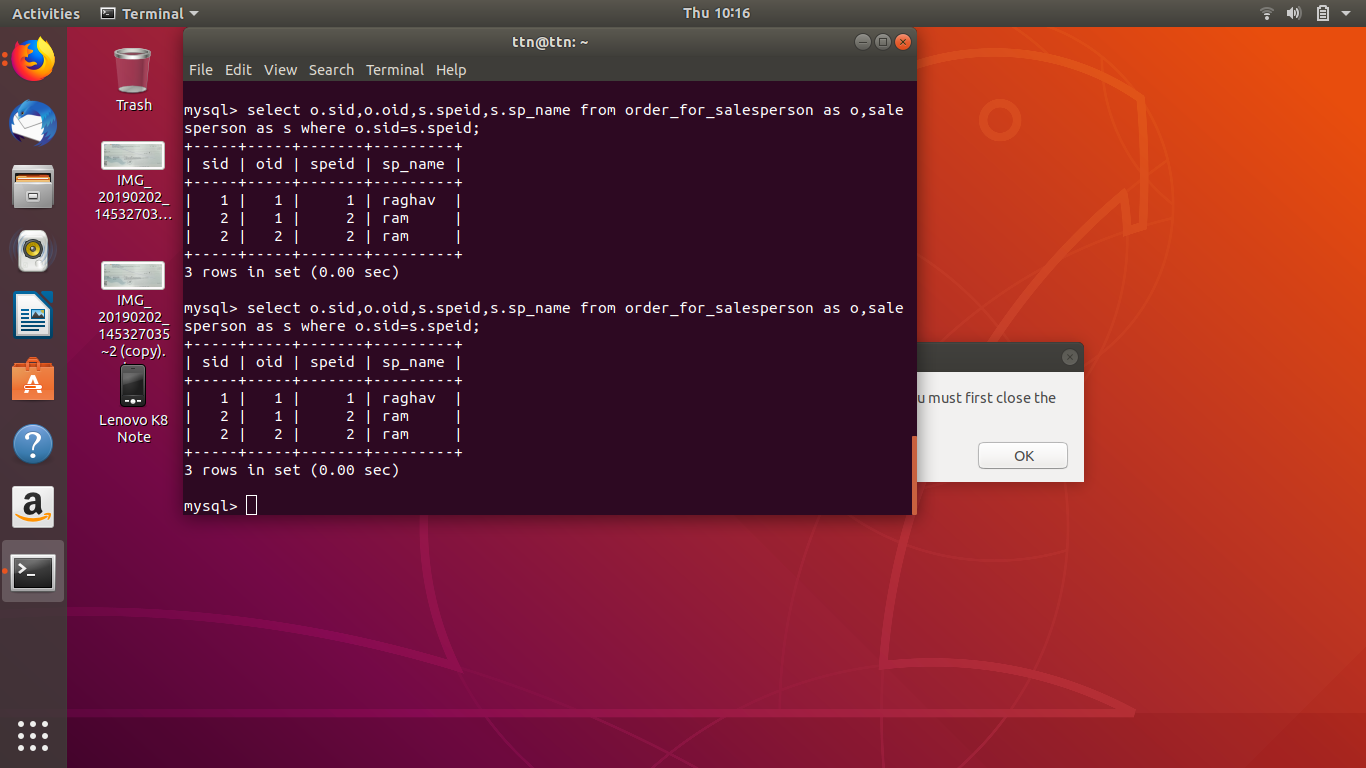
****

**(full screen picture)**

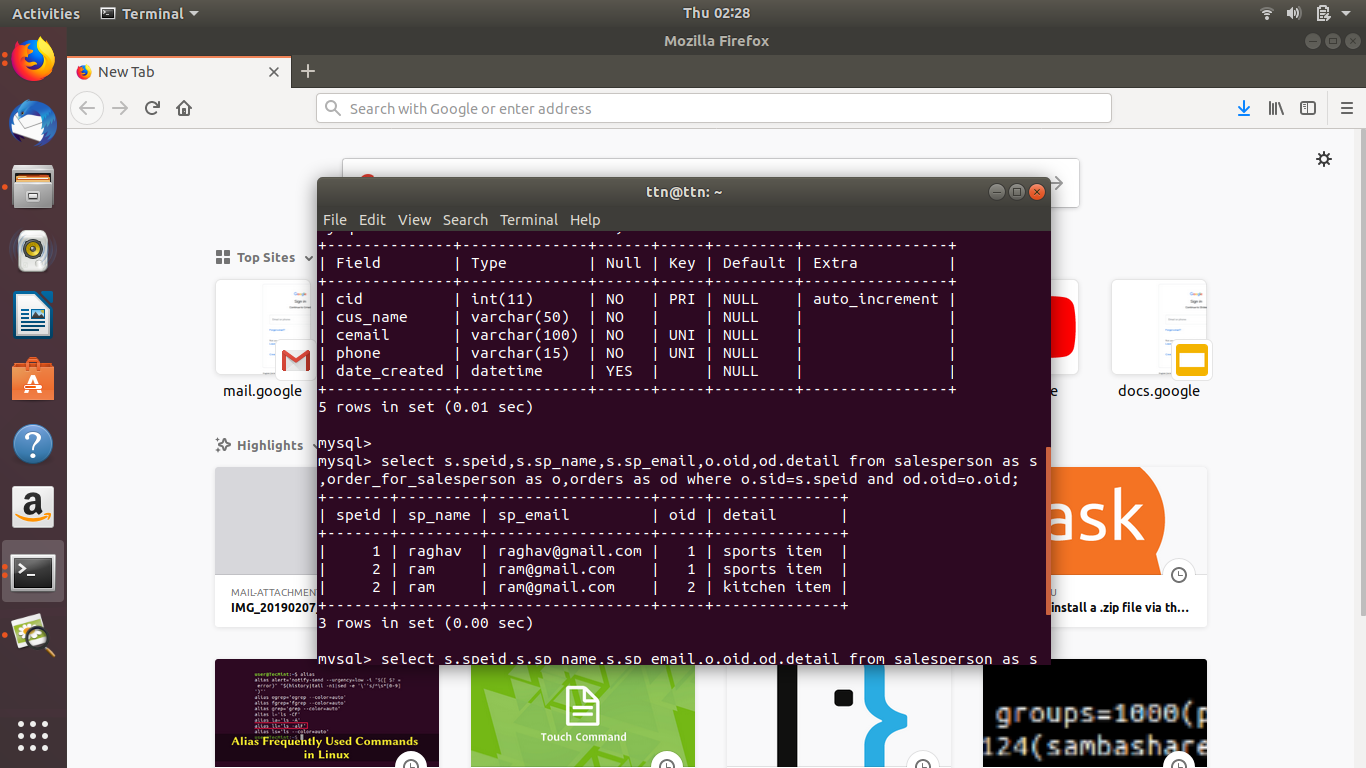
**4.Insert sample data**

****

**5.Find the sales person have multiple orders.**

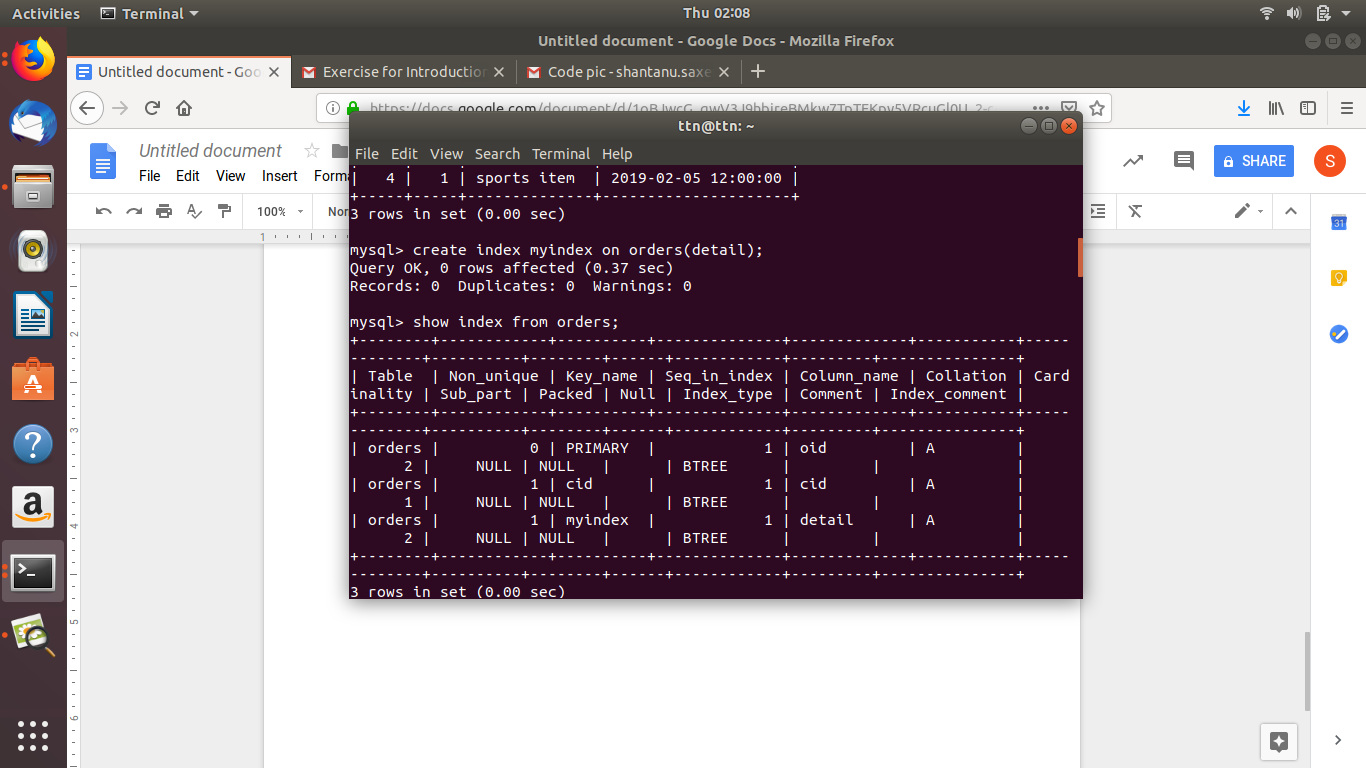
****

**6.Find the all sales person details along with order details**

****

**select s.speid,s.sp\_name,s.sp\_email,o.oid,od.detail from salesperson as s,order\_for\_salesperson as o,orders as od where o.sid=s.speid and od.oid=o.oid;**

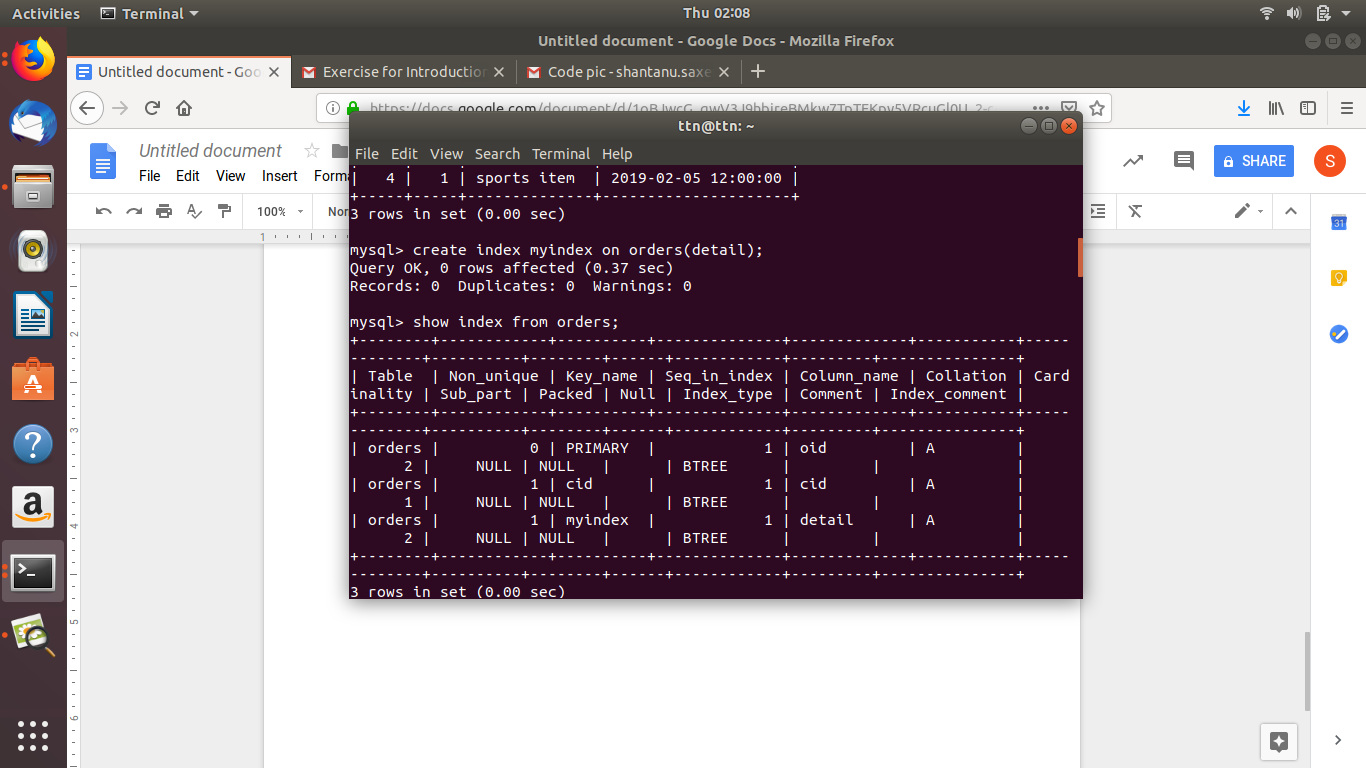
**7.Create index**

****

**//to create index**

**Create index myindexon orders(detail);**

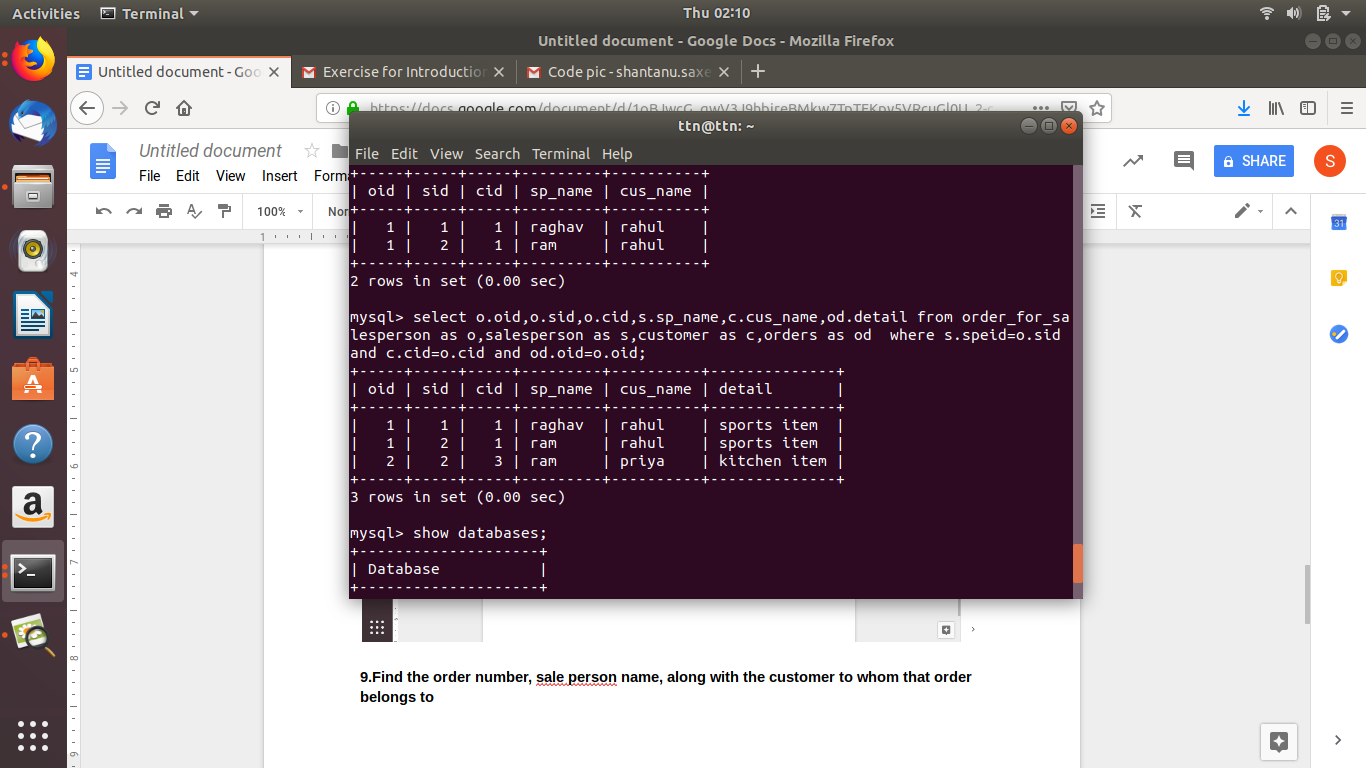
**8.How to show index on a table**

****

**//to show index on table**

**Show index from orders**

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

****

**Select o.oid,o.sid,o.cid,s.sp\_name,c.cus\_name,od.detail from order\_for\_salesperson as o,salesperson as s,customer as c,orders as od where s.speid=o.sid and c.cid=o.cid and od.oid=o.oid;**