ST. XAVIER’S COLLEGE

**(Affiliated to Tribhuvan University)**

**Maitighar, Kathmandu**

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**Database Management System**

**Lab Report #3**

**SUBMITTED BY:**

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**SUBMITTED TO**

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Submission Date: August 25th 2015

**3.1. Syntax for various operations**

**3.1.1. Inserting data into table**

Insert into table\_name

values(value1,value2,….,valueN);

**3.1.2. Inserting specific data into table**

Insert into table\_name(attribute1,attribute2,….,attributeN)

values(value1,value2,….,valueN);

**3.1.3. Inserting timestamp value into table**

Insert into table\_name(Attribute1, Attribute2,.. AttributeN, Timestamp\_Column) values(Value1, Value2, …. ValueN,current\_timestamp);

**3.1.4. Inserting autonumber value into table**

**3.1.4.1. First insert the starting value i.e.1**

Insert into table\_name(Autonumber\_Column, Attribute2,.. AttributeN)

values(1, Value2, …. ValueN,current\_timestamp);

**3.1.4.2. Then from 2nd step onwards, insert 0 only**

Insert into table\_name(Autonumber\_Column, Attribute2,.. AttributeN)

values(0, Value2, …. ValueN,current\_timestamp);

**3.2. Screenshot**

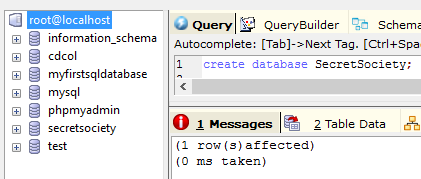


Fig 1: Creating a database

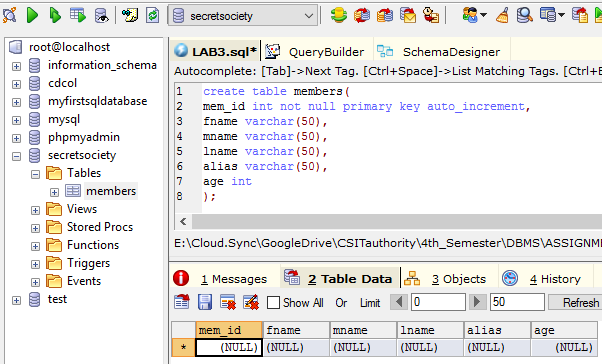


Fig 2: Creating a table

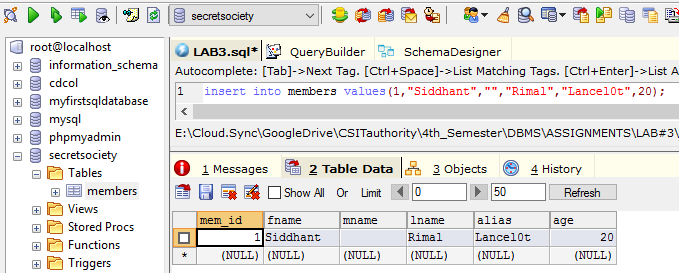


Fig 3: Inserting data into table

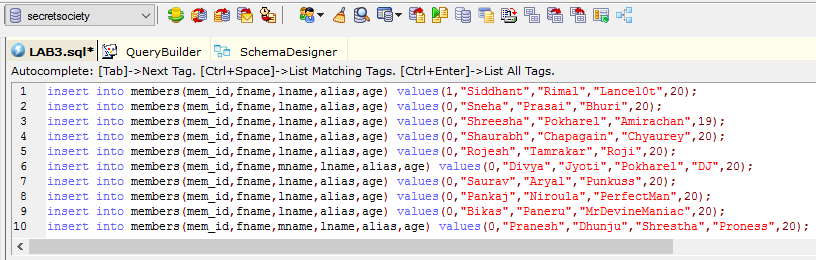


Fig 4: Inserting multiple data into desired columns in the desired table

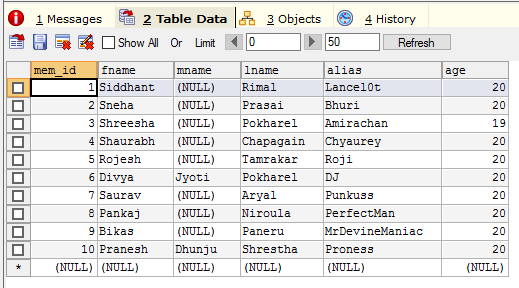


Fig 5: Demonstrating auto-increment property while inserting data

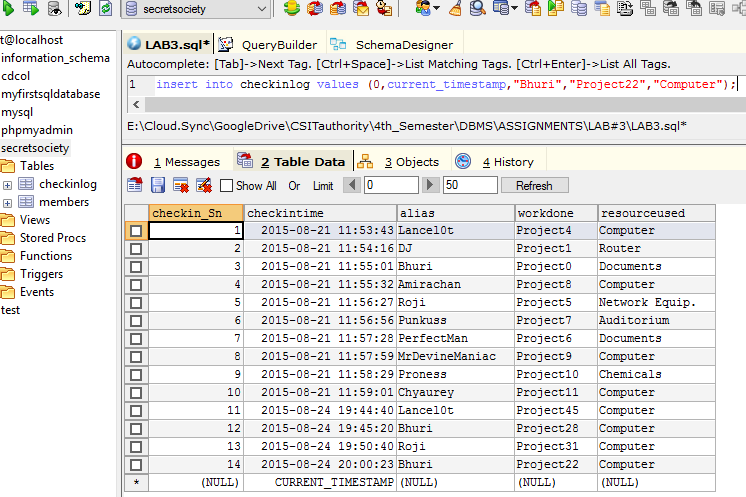


Fig 5: Inserting single data into the desired table

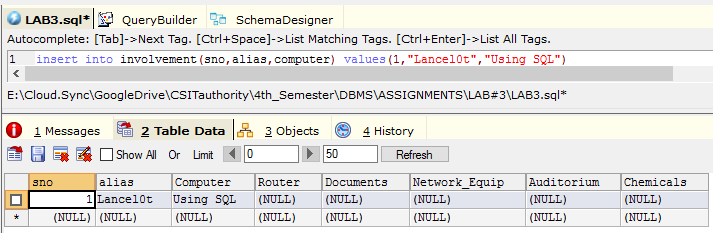


Fig 6: Inserting specific data into a specific column of the desired table

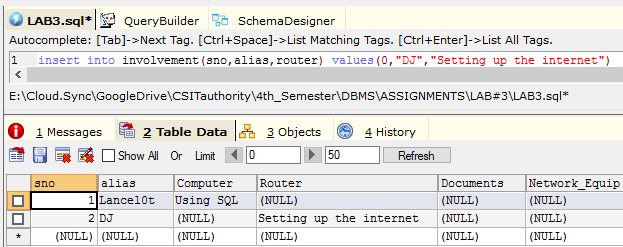


Fig 7: Inserting next specific data into a specific column of the desired table

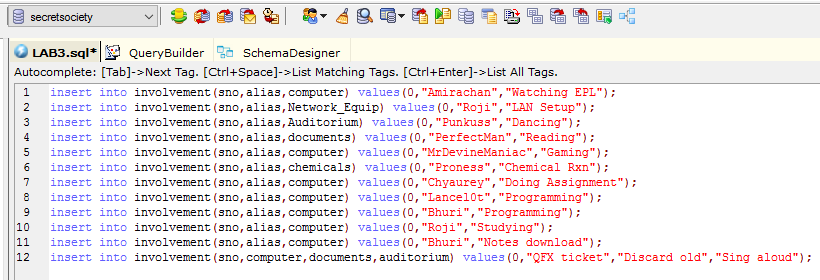


Fig 8: Inserting multiple specific data into a specific columns of the desired table

**Commands executed:**

insert into involvement(sno,alias,computer) values(0,"Amirachan","Watching EPL");

insert into involvement(sno,alias,Network\_Equip) values(0,"Roji","LAN Setup");

insert into involvement(sno,alias,Auditorium) values(0,"Punkuss","Dancing");

insert into involvement(sno,alias,documents) values(0,"PerfectMan","Reading");

insert into involvement(sno,alias,computer) values(0,"MrDevineManiac","Gaming");

insert into involvement(sno,alias,chemicals) values(0,"Proness","Chemical Rxn");

insert into involvement(sno,alias,computer) values(0,"Chyaurey","Doing Assignment");

insert into involvement(sno,alias,computer) values(0,"Lancel0t","Programming");

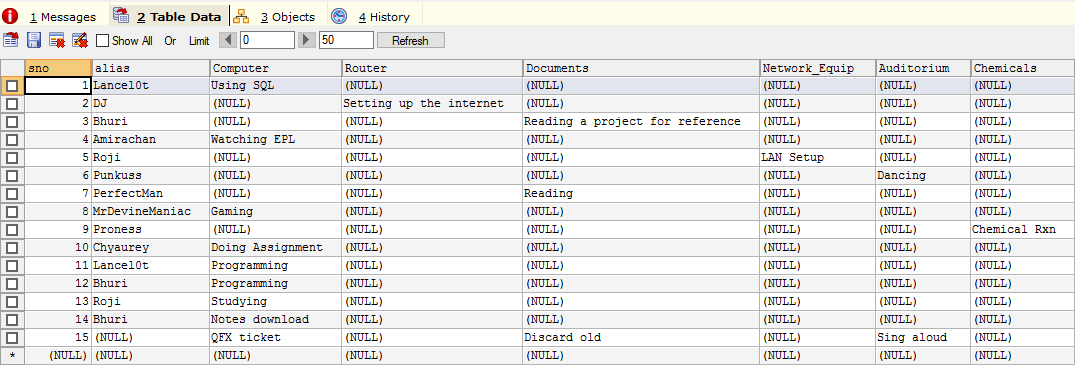
insert into involvement(sno,alias,computer) values(0,"Bhuri","Programming");

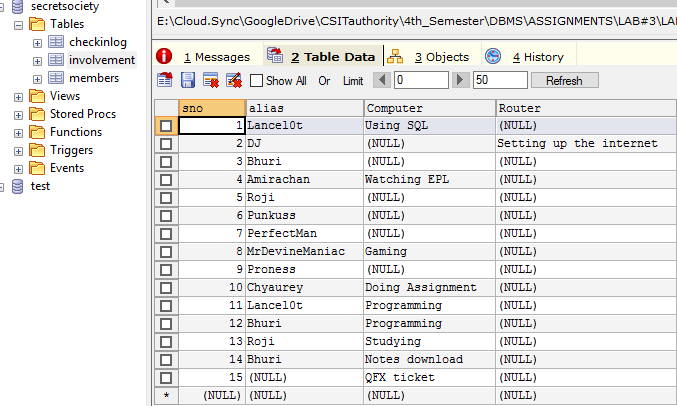
insert into involvement(sno,alias,computer) values(0,"Roji","Studying");

insert into involvement(sno,alias,computer) values(0,"Bhuri","Notes download");

insert into involvement(sno,computer,documents,auditorium)

values(0,"QFX ticket","Discard old","Sing aloud");





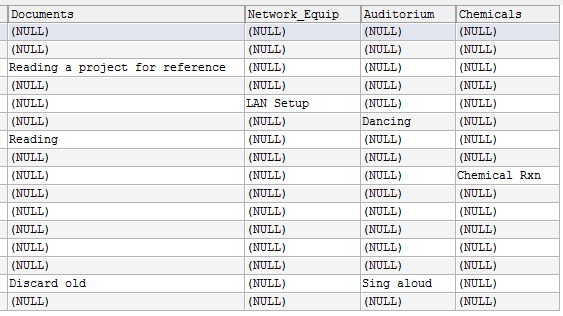


Fig 9: Data inserted in specific columns of the desired table

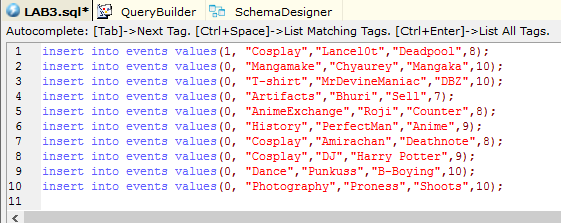


Fig 10: Data inserted in 4th table

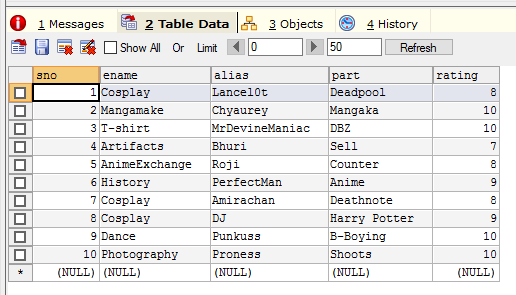


Fig 11: Data inserted in 4th table

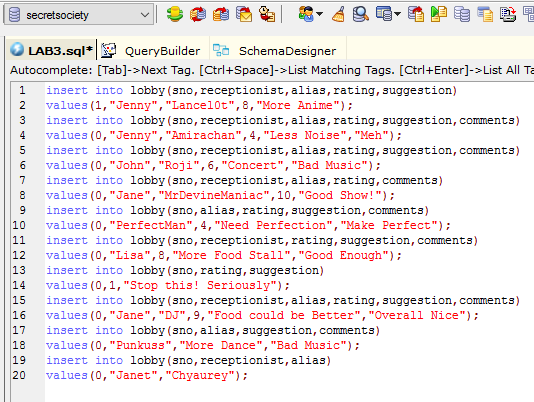


Fig 12: Data inserted in 5th table

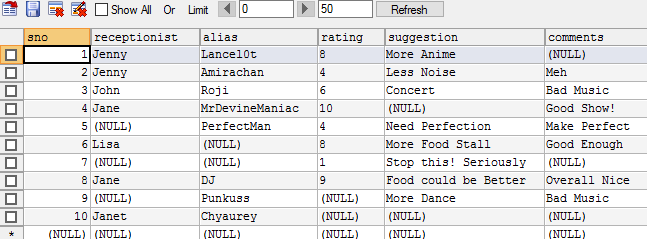


Fig 13: Data inserted in 5th table

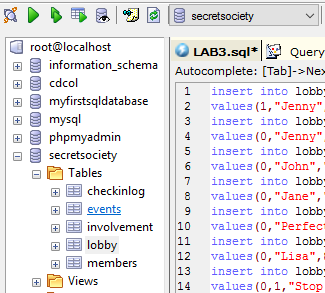


Fig 15: Tables and database involved

**3.3. CONCLUSION**

As mention herein, different kinds of commands can be used in SQL to create and drop table or database, add fields, insert timestamps to table, or even query the table with respect to the current time and date. There are also specific commands to add data in all or selected columns of desired table.

**3.4 References**

1. ”Introduction to SQL”, Wikibooks, Internet url: <https://en.wikibooks.org/wiki/Structured_Query_Language/Introduction_to_SQL> 2015 [20/08/2015]
2. Er. Sanjay Kr. Yadav, “Introduction to SQL”, Lecture, St. Xavier’s College 20/08/2015 [20/08/2015]