**ST. XAVIER’S COLLEGE**

**(Affiliated to Tribhuvan University)**

Maitighar, Kathmandu



**Database Management System**

**lab Assignment # lab 1**

**Submitted by:**

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**SYNTAX**

* To add a column in a table, use the following syntax:

ALTER TABLE table\_name  
ADD column\_name datatype

* To delete a column in a table, use the following syntax

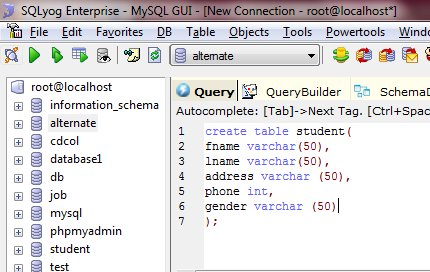
(notice that some database systems don't allow deleting a column):

ALTER TABLE table\_name  
DROP COLUMN column\_name

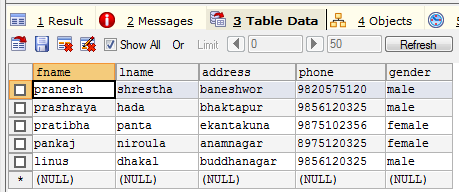
* To modify a data type of a attribute. use the following syntax

ALTER TABLE table\_name  
MODIFY COLUMN column\_name datatype

Creating a new table students under database alternate



Data inserted in the table students before alter.



Adding new attribute “age” on the existing table students using alter and add.

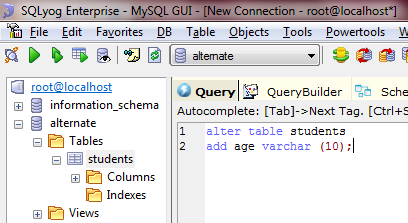
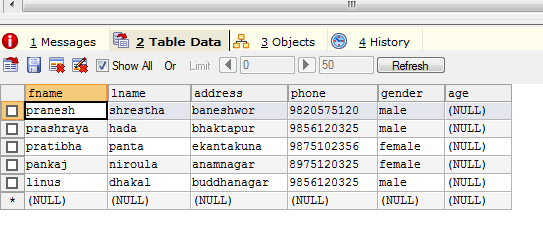
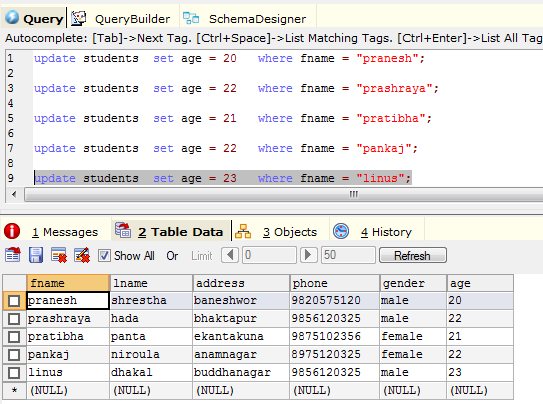


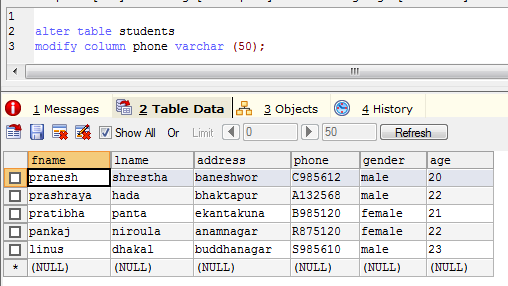
Table after alter command before adding data.



Query and table for adding data on newly added attribute age using update , set and where.

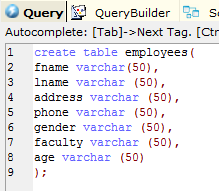


Change of data type of column “phone “ from int to varchar using alter and modify.

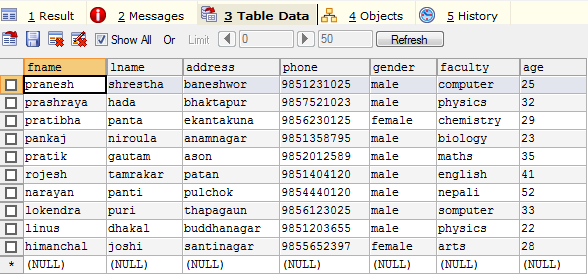


**Deleting an existing column.**

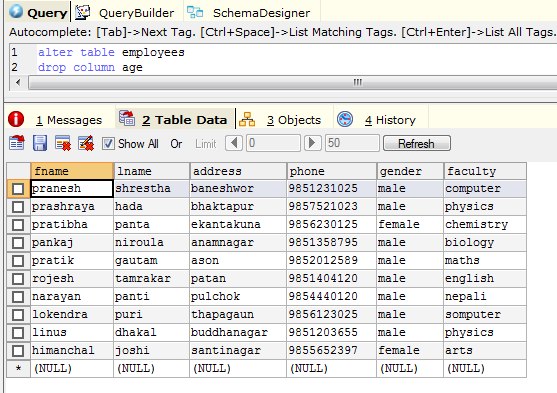
Creating a new table “employees”



Data inserted in the table “employees”with 7 attributes.



Query and table for Removing a column “age” using alter and drop.



Query and table for emoving a column “gender” using alter and drop.

