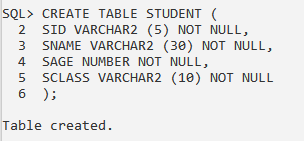
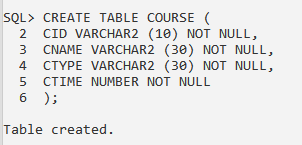
**PRACTICAL NO 1**

**AIM: To study DDL, DML & Constraints.**

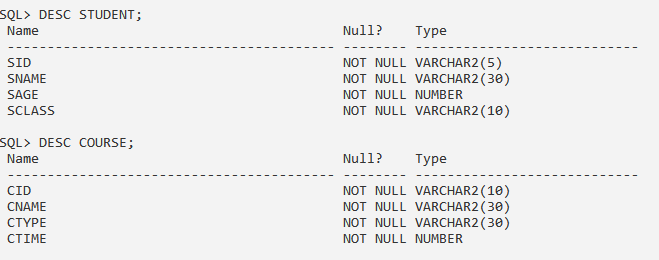
**A) Data Definition Language: Create, Alter, Drop, Rename, Truncate**

**1. Create tables for students & course**

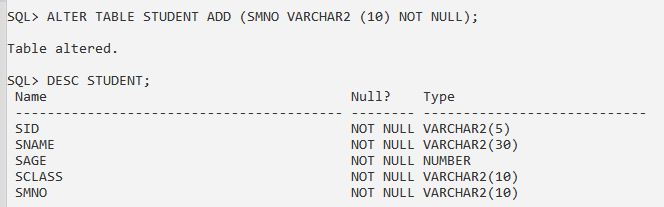




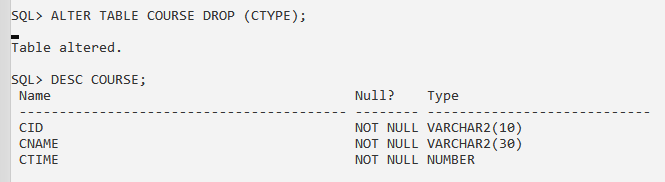
**2. Describe the structure of each table**



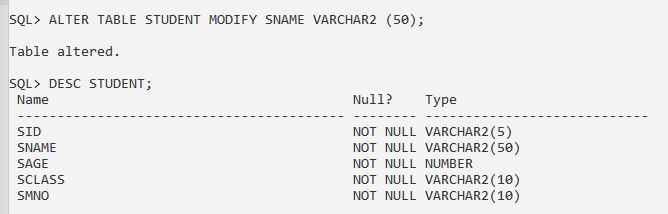
**3. Adding the attribute to first table**



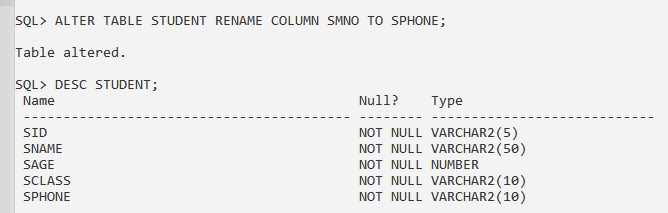
**4. dropping the attribute from second table**



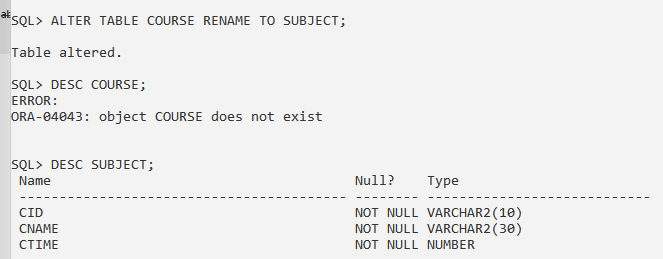
**5. Modify the data types of any one attribute**



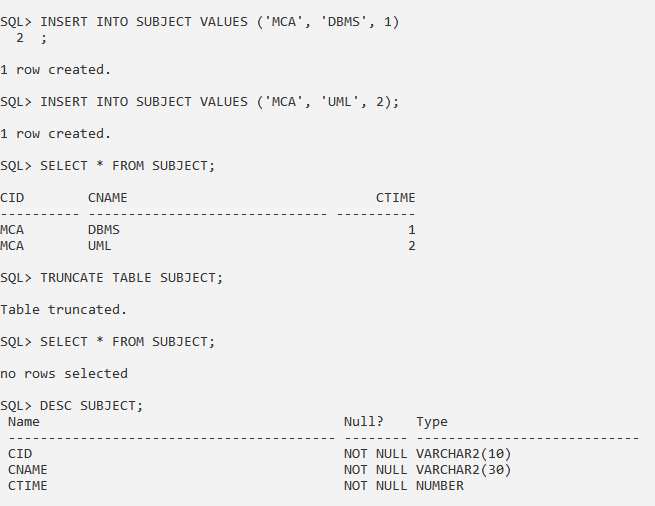
**6. Change the names of attributes in first table**



**7. Changes the table name of second table using rename command.**

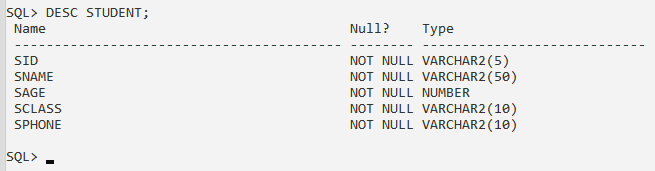


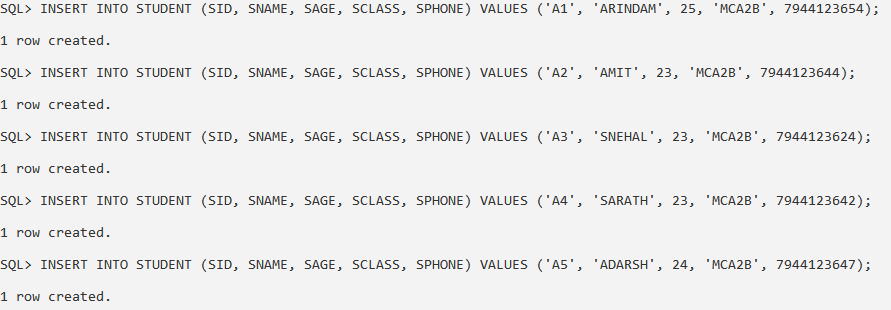
**8. Truncate table**

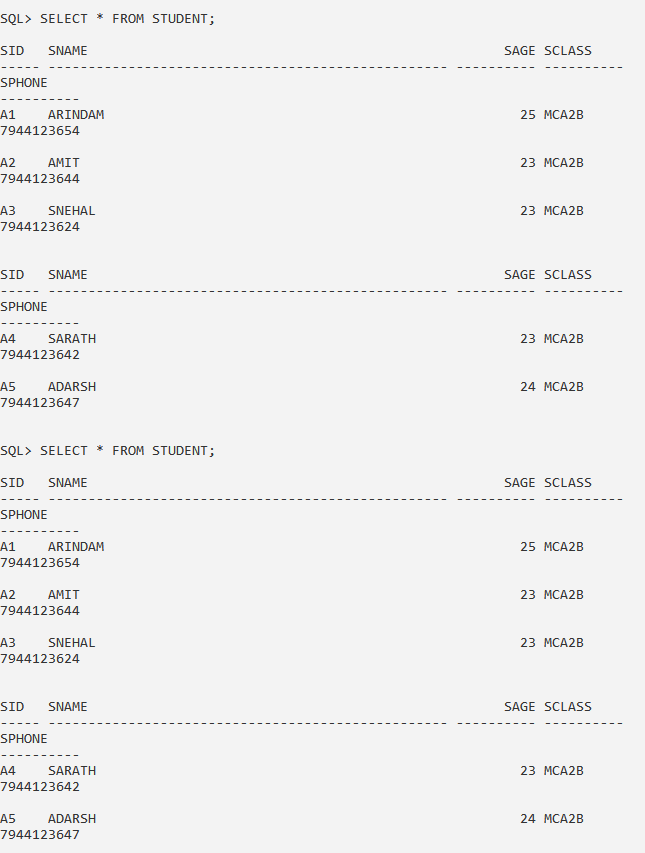


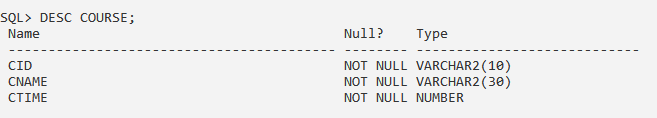
**B)** **Data Manipulation Language: Insert, Update, Delete, Select.**

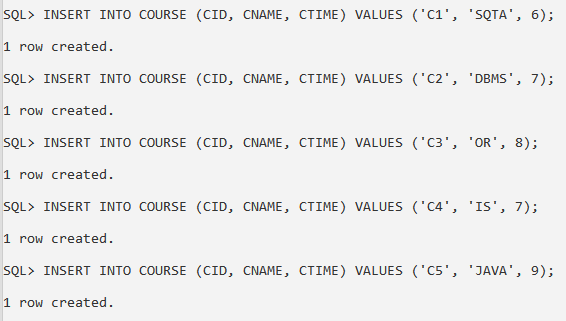
**1. Insert minimum 5 records in each table in student and course table**

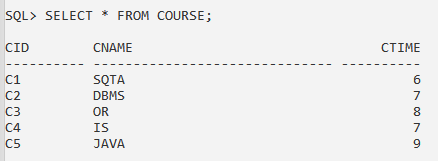




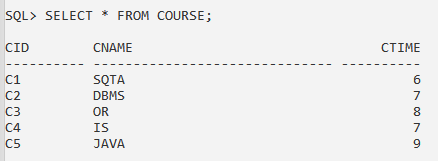
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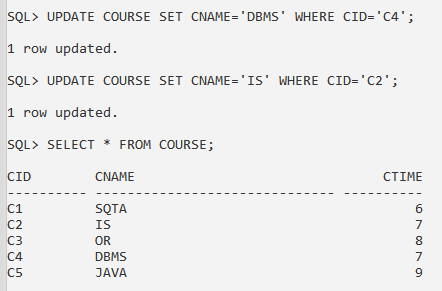


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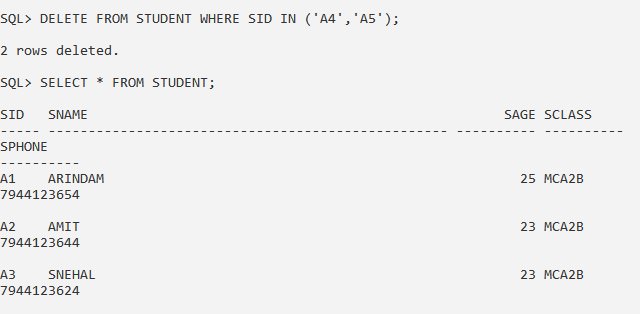
**2. Update any two rows of course table tables**

****



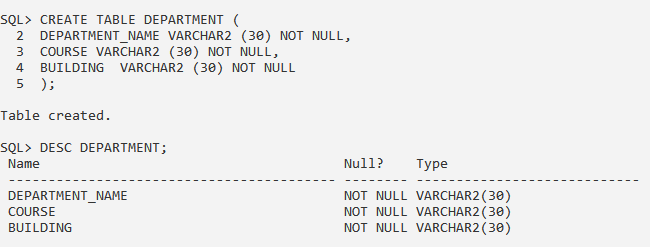
**3. Delete record from student table**



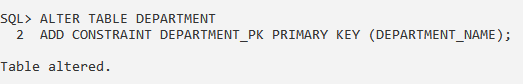
****

**C) Constraints: Not Null, Unique Key, Primary Key, Foreign Key, Check, adding and Dropping a Constraint**

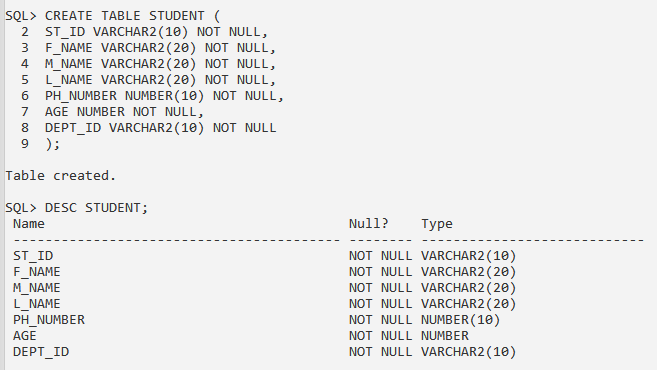
**1. Create department table (department\_name, course, building)**



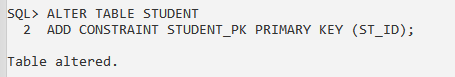
**A. Department name as primary key.**



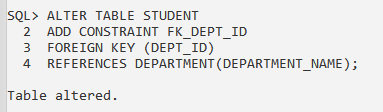
**2. Create a student table with attributes student id, student first name, middle name, last name, phone\_number, age, department id**



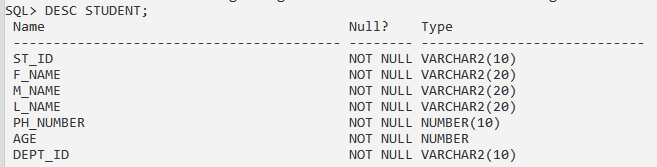
**A. Student\_id primary key**

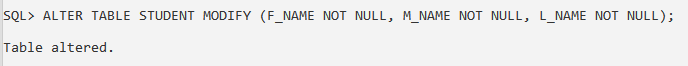


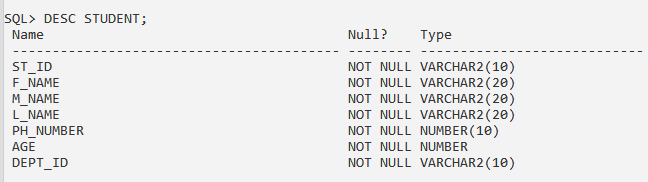
**B. Department id foreign key**



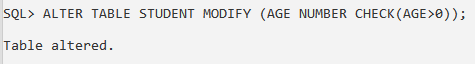
**C. Students fname, middle name and last name not null**



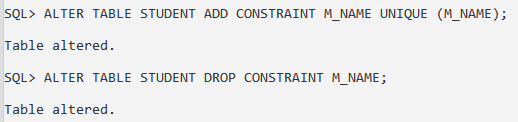




**D. Age greater than zero**



**E. Drop constraint middle name not null**



**F. Make phone number as unique key**

