

SQL Lab 12/Sep/2018,Wed

1.Create a table Faculty (FacultyId ,Name ,Department ,Gender).Display the structure of the table.  
USE DESCRIBE /DESC statement.

2.A) Modify the above table such that if department name is CS ,it changes to Computer Science, if it is CE, it changes to CE and so on .USE CASE Statement.

B) Similarly change M to Male, F to Female. Use CASE Statement.

3.USE ALTER TABLE to rename the table Faculty to FacultyDetails and column Name to FirstName.

4.USE ALTER(ADD,DROP,MODIFY) and do as follows:

A)Add 2 columns AGE & COURSE.

B)Reduce size of column COURSE from Varchar (80) to Varchar(40).

C)Drop column COURSE.

5.USE LIKE .

A)Select Departments of those Faculties whose name starts with 'a'.

B)Select Departments of those Faculties whose name ends with 'h'.

C)Select Departments of those Faculties whose name starts with 'a' and end with 's'.

D)Select Departments of those Faculties whose name contain the substring 'ab'.

E)Select Departments of those Faculties whose name contain 'c' at the 3<sup>rd</sup> position.

F)Select Departments of those Faculties whose name starts with 'k' and contain at least 3 characters.

6.USE SOME or ANY.

Find the name of faculty whose age is greater than the age of faculties in the department of Computer Science.

7.USE ALL or ANY.

Create a table FacultyAddressDetails apart from the above mentioned Faculty table.

Find Faculty Names from the Faculty table if all the records in the FacultyAddressDetails table has city address as Calcutta or Chennai.

8.USE EXISTS to check whether the results of a correlated nested query is empty or not in SELECT/UPDATE/INSERT/DELETE statement.

Create 2 tables Faculty(FacultyID, Fname, Lname, Website) and FacultyLoad(SubjectID, FacultyID, ClassDate).

A)Fetch Fname , Lname of Faculties with at least one class.

B)Fetch Fname, Lname of Faculties who do not have any class.

C>Delete the record of all faculties with Lname as 'Jha'.

D)Update the Lname as 'Mishra' of Faculty in Faculty table whose Faculty ID is 1.