

Session-IV

1. Alter table **TAKES**, to add a Boolean attribute 'passed' with default value TRUE. Update value of this attribute for previously inserted records to TRUE as well.
2. Work with @if not exists and @if exists and check its impact when used with CREATE TABLE OR DELETE FROM commands.
3. Perform the following using string functions and select query-
 - a. Display students having their first name starting with letter 'B'.
 - b. Display students having their last name ending with letter 'E'. First apply trim() to remove leading and trailing spaces.
 - c. Display students having their last name having the pattern 'lane'.
 - d. Display the first name of the student, along with the length of first name (renamed as Fname_len). Display the results in increasing sorted order of their length.
4. Perform the following using date functions and select query-
 - a. Display the students in the increasing order of their 'date_of_joining' the institute.
 - b. Update all records with 'date_of_joining' set to today's date (using Current_date) for records if it is NULL.
 - c. Display students details with year of 'date_of_joining' being displayed separately. Try using ORDER BY, if possible.
 - d. Display students details with month of 'date_of_joining' being displayed separately. Try using ORDER BY, if possible.
 - e. Display students details with 'date_of_joining' AS IS and also the date which will be 6 months further from this 'date_of_joining'.