LECTURE 1

CREATING DATABASE

CREATING TABLE

LECTURE 2

PRIMARY KEY

FOREIGN KEY

UNIQUE KEY

ADDING COLUMN TO A TABLE

ADDING VALUES TO A TABLE

CHANGING COLUMN PROPERTY

LECTURE 3

SELECT STATEMENT

WHERE-AND-OR

IN - NOT IN

LIKE - NOT LIKE

BETWEEN – AND

IS NOT NULL - IS NULL

SELECT DISTINCT

ORDER BY

GROUP BY

HAVING

LECTURE 4

INSERT STATEMENT

UPDATE STATEMENT

DELETE STATEMENT

LECTURE 5

AGGREGATE FUNCTIONS

LECTURE 6

INNER JOIN

LEFT-RIGHT JOIN

CROSS JOIN

UNION vs UNION ALL

LECTURE 7

SUBQUERIES

IN WTIH INSIDE WHERE

EXISTS-NOT EXISTS NESTED INSIDE WHERE

NESTED IN SELECT AND FROM

LECTURE 8

SELF JOIN

VIEWS

LECTURE 9

STORED ROUTINES

STORED PROCEDURES

STORED PROCEDURE WITH AN INPUT PARAMETER

STORED PROCEDURE WITH AN OUTPUT PARAMETER

VARIABLES

USER-DEFINED FUNCTIONS

LECTURE 10

TRIGGERS

INDEXES

THE CASE STATEMENT

LECTURE 11

WINDOW FUNCTIONS

ROW\_NUMBER-RANKING WINDOW FUNCTIONS

PARTITION BY CLAUSE VS GROUP BY CLAUSE

RANK-DENSE\_RANK WINDOW FUNCTIONS

LAG-LEAD VALUE WINDOW FUNCTIONS