/\*-------------------------------------------------------------------------------------------------------------------------------------\*/

**/\*Q) Create student table\*/**

CREATE TABLE student (

studentid int NOT NULL auto\_increment,

Studentname varcharacter(50) not null,

Gender varcharacter(50) not null,

District varcharacter(50) not null,

PRIMARY KEY (studentid)

);

/\*-------------------------------------------------------------------------------------------------------------------------------------\*/

**/\*Q) Insert into TABLE \*/**

INSERT INTO student (Studentname,Gender,District)

VALUES

('A','MALE','EKM'),

('B','MALE','KTYM'),

('C','FEMALE','EKM'),

('D','FEMALE','TVM'),

('F','MALE','TVM'),

('G','FEMALE','ALPY'),

('H','MALE','KTYM');

DISPLAY ALL FIELDS

/\*-------------------------------------------------------------------------------------------------------------------------------------\*/

**/\*Q) Display all \*/**

SELECT \* FROM student

/\*-------------------------------------------------------------------------------------------------------------------------------------\*/

**/\*Q) Display all male\*/**

SELECT \* FROM student where Gender=('Male')

/\*-------------------------------------------------------------------------------------------------------------------------------------\*/

**/\*Q) Display all from EKM,TVM\*/**

SELECT \* FROM student WHERE District IN ('TVM','EKM')

/\*-------------------------------------------------------------------------------------------------------------------------------------\*/

**/\*Q) Update alpy to tvm\*/**

**UPDATE student**

**SET District=('tvm')**

**WHERE District=('ALPY');**

/\*-------------------------------------------------------------------------------------------------------------------------------------\*/

**/\*Q) Create marks table\*/**

CREATE TABLE mark (

id int NOT NULL auto\_increment,

txtSubject varcharacter(50) not null,

txtmarks int not null,

refstudentid int,

PRIMARY KEY (id),

FOREIGN KEY (refstudentid) REFERENCES student(studentid)

);

/\*-------------------------------------------------------------------------------------------------------------------------------------\*/

**/\*Q) Insert into marks table\*/**

INSERT INTO mark (txtSubject,txtmarks,refstudentid)

VALUES

('ENGLISH',40,1),

('ENGLISH',50,2),

('ENGLISH',70,3),

('ENGLISH',56,4),

('ENGLISH',60,5),

('MATHS',60,5),

('MATHS',60,4),

('MATHS',40,3),

('MATHS',80,2),

('MATHS',70,1)

/\*-------------------------------------------------------------------------------------------------------------------------------------\*/

**/\*Q) Join two tables\*/**

SELECT \*

FROM student

JOIN mark

ON student.studentid= mark.refstudentid;

/\*-------------------------------------------------------------------------------------------------------------------------------------\*/

**/\*Q) Join two tables AND FILTER MARKS ABOVE 60\*/**

SELECT Studentname,txtSubject ,txtmarks

FROM student

JOIN mark

ON student.studentid= mark.refstudentid

WHERE txtmarks>60

/\*-------------------------------------------------------------------------------------------------------------------------------------\*/

**/\*Q) Join two tables AND FILTER ABSENT\*/**

SELECT \*

FROM student

JOIN mark

ON student.studentid= mark.refstudentid

WHERE mark.id is null

/\*-------------------------------------------------------------------------------------------------------------------------------------\*/

**/\*Q) Join two tables AND FILTER \*/**

SELECT Studentname,txtmarks,txtSubject

FROM student

JOIN mark

ON student.studentid= mark.refstudentid

WHERE txtSubject=('MATHS')

/\*-------------------------------------------------------------------------------------------------------------------------------------\*/

**/\*Q) Join two tables AND UPDATE\*/**

UPDATE

student join mark on student.studentid=mark.refstudentid

set student.District=('IDUKKI') , mark.txtmarks=45

where student.studentid>3 and mark.txtSubject=('ENGLISH') ;

/\*-------------------------------------------------------------------------------------------------------------------------------------\*/