Took-5:- Writing I in ouries; Equivalent; AND/OR Records overies

Aim:- To implement and exactly Join ordines equivalent quarks and recording queries using a university database screams

The soutains caluse used to records two or more tables in detables means of the actually Performed by the Exhaust Caluse which Catalog was and of tables

* create the database and tables

* Insert 60mplo data

* Implement a recorbile quiey

* display results and virily Corrections

8tep:1:-

Syntax:

1. Types of bins

1. Simple Join

8. Bolk Toin

3 OUTRATION

Samp - Pin:

It is most common type of Join it retrives
the nowthian 9 tobbles

Equi-Tain:

A Joh, Which is based on envilotes Called equition exemple.

Select*-from itemant whose item id=costid.

```
1. Proportãi-
     CREATE TABLE L
       CREATE TABLE dePostment (
           do Id. PRIMARY KEY,
            dephrame VARCHAR (50)
        CREATE TABLE Students (
            Student IN INIT Primary Key;
            Stylenot Namo VARCHAR (50);
               DOM THI.
          FORGEIN KEY (deptid) REFERENCES
        denoutments (dept ID);
      ( REATETABLE GOVEDOS (
          (auso ID VARCHAR (10) PRIMARY KEY
           Courag Mame VARCHAR (50)
          dept INT;
          FORGETH KEY (Student IN) REFERENCES
                    Students (Student In);
     FORGETH KEY (COURSE ID) Reference Courses
                      (ORE CID)).
       CREATE TABLE Prerequiba (
```

DI INSERT SAMPLE DATA:

INSERT. INTO department values

(101; Computer Science);

(loa; electrical engal;

(108 | Mahanial Engg);

INSERT INTO students VALUES,

(1. Alice, 101);

(8 Bob 100);

(3 (horlie 1 103))

(4 flavid, 104);

(9 (mmg). 1049)

INSERT INTO GOOD VALUES

(aci idatibes systems; 101);

(6) OPerating systems; 101)

(E3, circuto 1 too);

(Eq : Tharmadynamics, 103);

INSERT INTO Preventites values

(& , (,1) - 03 requires DB

("C3,00") - Civrotty requires as.

3. JOIN QUERIES (AITYPES)

a) IN MERITAIN
SELECT. S Sturdent Name; d. Dept Nam
FROM Students.

b Itabb = at tab not strantioned MIJE-ITED

(P) [CEL IOIVI:-

Select 5. Student Name delept Name FROM Studento. LEFT JOZN defortments don dept ID = don't ID

(C) RIGHT_IOIN
SCIECT 5 Student Name delept Name
FROM Students
RIGHT_IOIN deportments done adopt ID = country

SELETS Students Name; Gurso name

FROM Students

FULL OUTER JOIN depositments don't dept I p=dept Id

(e) (ROSS JOIN)

SELECT S. Student name. (course Name

FROM Students.

CROSS JOIN COURSED!

(F) SEH JOIN
SELECTS,: Student nome As Student 1
So student name As student 0 30 dept ID

FROM Stickents 3, JOIN Students SQ ON dent ID - So dent ID WHERE SI Student ID < SI Student ID (4) Equivalent a verzes:

23'19, Join
36, ect 5.5 student Nome . d. doit Name

FROM Students.d.

Join depositionents dons don't ID = detent ID

- using subrusy

SELECT Student Name;

(SELECT dear Name From depositionent s

- select ID) As dept Name

FROM STUDENTS:

(5) RECORSIVE GLERY:
LITH RECORDIVE COURSE HARRY AK;

SCLECT Frerequited

UNITON

SCLECT P. COURSEID, C. PEYERIP

FROM . The respectful?

FROM

TOTH COURSE HEAVERY CON PRINTER IN = E COURSE ID

SCLECT* FROM GOVED HROTHY

Resist: The implementation of SOL Commanda Using Direction and excited successfully

