Experiment No 1.2:

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1. **Aim/Overview of the practical:**

   To create normalized tables for departments and their respective courses, establish a foreign key relationship, insert data into the tables, use a subquery to retrieve departments that offer more than two courses,

2. **Theory**:

   In database design, to reduce data redundancy and maintain data integrity their relationship is represented using a foreign key.

   A foreign key in the child table (tbl_course) references the primary key of the parent table (tbl_depart) to maintain referential integrity.

   A subquery is a nested query used to compute or filter results. In this experiment, a subquery is used to count the number of courses per department and filter those departments offering more than two courses.

3. **Result/Output/Writing Summary:**

	depart_name
1	AIT
2	CSE
3	EC

Learning outcomes (What I have learnt):

1. Understood how to design relational tables using primary and foreign keys.
2. Learned to insert data into tables using INSERT statements.
3. Understood how to establish relationships between tables using foreign keys.
4. Learned how to use INNER JOIN to fetch related data from multiple tables.