

## Experiment - 1

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**Subject Name:** ADBMS

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**Section/Group:** 23AIT-KRG -2A  
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### Problem Statement (Medium)

Department-Course Subquery and Access Control

- Design normalized tables for departments and the courses they offer, maintaining a foreign key relationship.
- Insert five departments and at least ten courses across those departments.
- Use a subquery to count the number of courses under each department.
- Filter and retrieve only those departments that offer more than two courses.
- Grant SELECT-only access on the courses table to a specific user.

The result shows the names of departments which are associated with more than two courses in the system.

### Code

*(Attached as Exp 1 (Medium).sql)*

### Output

Department Name
Artificial Intelligence
Computer Science
Electronics and Communication