

# OUTPUT

The screenshot shows the ByteXL web application interface. The left sidebar contains a navigation menu with items like Dashboard, Feedback Requests, Reports, Student Reports, Learning, AI Mentor (Beta), Courses, Classes, Editor, Lab, Assessment, and Nimbus (highlighted). The main area displays a MySQL query editor for a database named 'MySQL - db\_43sp668sh'. The query is as follows:

```
35 (108, 'Surveying', 4),
36 (109, 'Embedded Systems', 5),
37 (110, 'VLSI Design', 5);
38
39 -- PART C: Output tables
40
41
42 SELECT * FROM Departments;
43
44
45 SELECT * FROM Courses;
46
47
48 SELECT D.dept_name AS 'Departments with >2 Courses'
49 FROM Departments D
50 WHERE D.dept_id IN (
51 SELECT dept_id
52 FROM Courses
```

The query results are displayed in a table with two columns: 'dept\_id' and 'dept\_name'.

dept_id	dept_name
1	Civil
2	Computer Science
3	Electrical
4	Electronics
5	Mechanical

The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 18:48 on 06-08-2025.

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45 SELECT * FROM Courses;
46
47
48 SELECT D.dept_name AS 'Departments with >2 Courses'
49 FROM Departments D
50 WHERE D.dept_id IN (
51 SELECT dept_id
52 FROM Courses
53 GROUP BY dept_id
54 HAVING COUNT(course_id) > 2
55 );
56
57 Select * from Departments;
58 Select * from Courses;
59
```

The query results are displayed in a table with three columns: 'course\_id', 'course\_name', and 'dept\_id'.

course_id	course_name	dept_id
101	DBMS	1
102	Operating Systems	1
103	Power Systems	2
104	Digital Circuits	2
105	Thermodynamics	3
106	Fluid Mechanics	3
107	Structural Engineering	4
108	Surveying	4
109	Embedded Systems	5
110	VLSI Design	5

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