

SQL JOIN Practice Questions

1. Show each student's first name and their course name using an INNER JOIN.
2. Display all students and the department of their course using an INNER JOIN.
3. Show course names and the students enrolled in them (only matching rows).
4. List all students whose course credits are greater than 3.
5. Find students who are in the 'Science' department.
6. Show all students and their course names, including students without a course.
7. Show all courses and the students enrolled, including courses without any students.
8. List students who have not been assigned a course yet.
9. Show all courses along with the number of students enrolled (0 if none).
10. Display all students with their course department (NULL if not assigned).
11. Display all course names with their student names, even if no students are enrolled.
12. Show all departments and the students studying in them, using RIGHT JOIN.
13. Find courses that do not have any students enrolled.
14. Show all course names and credits, even if they don't have any students.
15. List all departments and match them with students via course.
16. Display all students and all courses, showing NULL where data is missing.
17. List all student names and all course names, even if they don't match.
18. Show student names, course names, and department heads.
19. Find students who are in courses from the 'Technology' department.
20. Show department names and total students in each department.
21. Display student names, their department, and credits for their course.
22. Show all departments with courses and students (include those with no students).
23. Find pairs of students studying the same course.
24. Show all possible student pairs where both are in the same department.
25. List all students who share a course with 'Alice'.
26. Find the total number of students in each course.
27. Find the average credits for courses that have students enrolled.
28. Show the department with the highest number of enrolled students.
29. Display students who are in courses with credits above the average credits.
30. Show students whose course is in the same department as 'Physics'.