

SQL JOIN Worksheet (OCR H446 Practice)

Use the tables below to answer the SQL JOIN questions.

STUDENTS

StudentID	Name	YearGroup
101	Ali	12
102	Ben	13
103	Cara	12
104	Dan	11

COURSES

CourseID	StudentID	Subject	Grade
1	101	Computer Sci	A
2	101	Maths	B
3	102	Computer Sci	A*
4	103	Maths	C
5	105	Physics	B

1. Write an SQL query to list student names and the subjects they study.
2. Write an SQL query to list student names and grades for students in Year 12 only.
3. Write an SQL query to show all students, including those who have no course.
4. Write an SQL query to show only courses that belong to a real student in the database.
5. Write an SQL query to count how many courses each student studies.
6. Explain the difference between INNER JOIN and LEFT JOIN (2 marks).