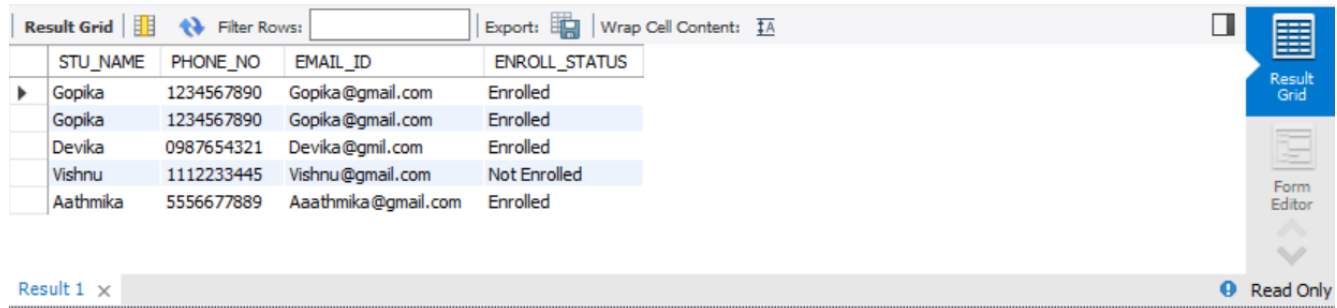


OUTPUTS

3) Retrieve the Student Information

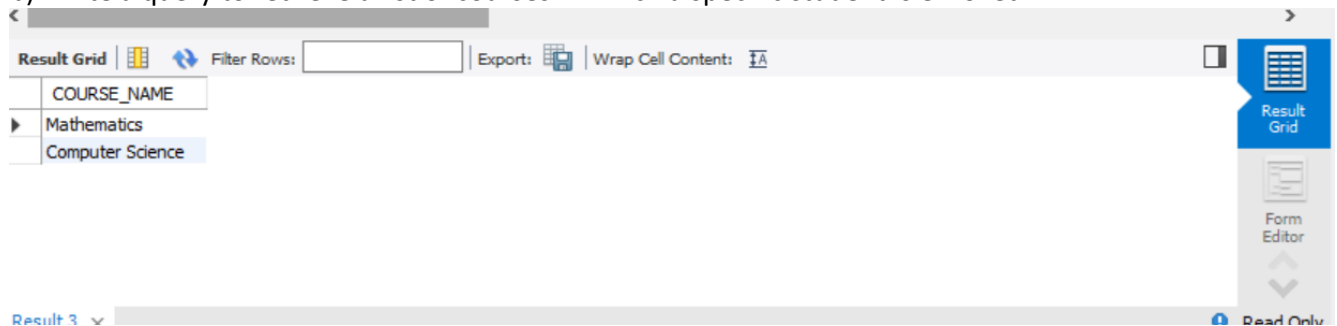
a) Write a query to retrieve student details, such as student name, contact information, and Enrollment status



The screenshot shows a database query result grid with the following columns: STU_NAME, PHONE_NO, EMAIL_ID, and ENROLL_STATUS. The grid contains five rows of student data. The interface includes a 'Filter Rows' field, 'Export' and 'Wrap Cell Content' buttons, and a 'Read Only' status indicator.

STU_NAME	PHONE_NO	EMAIL_ID	ENROLL_STATUS
Gopika	1234567890	Gopika@gmail.com	Enrolled
Gopika	1234567890	Gopika@gmail.com	Enrolled
Devika	0987654321	Devika@gmail.com	Enrolled
Vishnu	1112233445	Vishnu@gmail.com	Not Enrolled
Aathmika	5556677889	Aaathmika@gmail.com	Enrolled

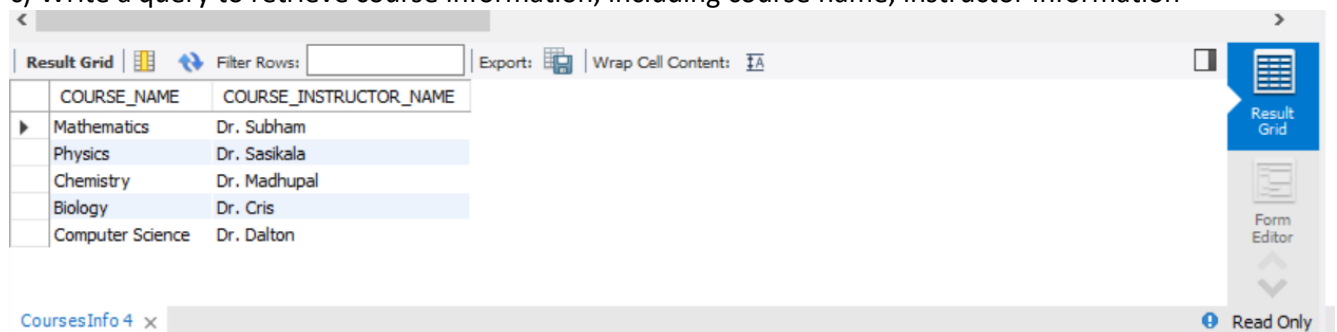
b) Write a query to retrieve a list of courses in which a specific student is enrolled.



The screenshot shows a database query result grid with the following columns: COURSE_NAME. The grid contains two rows of course data: Mathematics and Computer Science. The interface includes a 'Filter Rows' field, 'Export' and 'Wrap Cell Content' buttons, and a 'Read Only' status indicator.

COURSE_NAME
Mathematics
Computer Science

c) Write a query to retrieve course information, including course name, instructor information

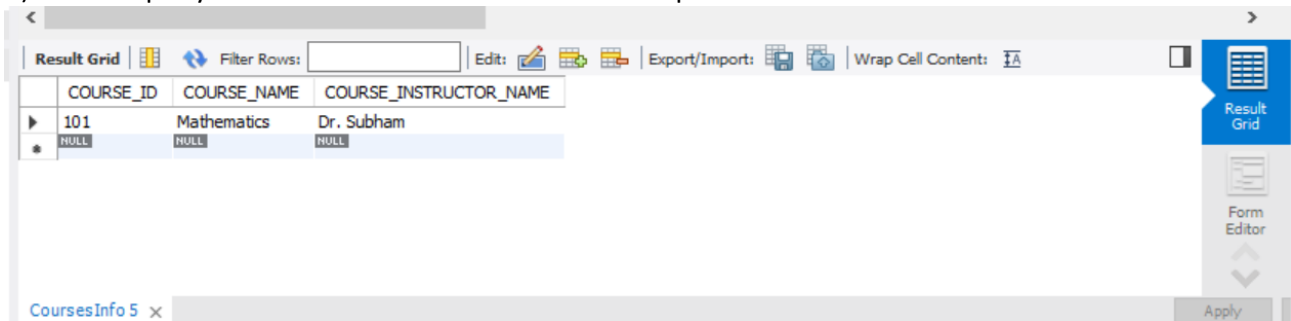


The screenshot shows a database query result grid with the following columns: COURSE_NAME and COURSE_INSTRUCTOR_NAME. The grid contains five rows of course and instructor data. The interface includes a 'Filter Rows' field, 'Export' and 'Wrap Cell Content' buttons, and a 'Read Only' status indicator.

COURSE_NAME	COURSE_INSTRUCTOR_NAME
Mathematics	Dr. Subham
Physics	Dr. Sasikala
Chemistry	Dr. Madhupal
Biology	Dr. Cris
Computer Science	Dr. Dalton

OUTPUTS

d) Write a query to retrieve course information for a specific course.

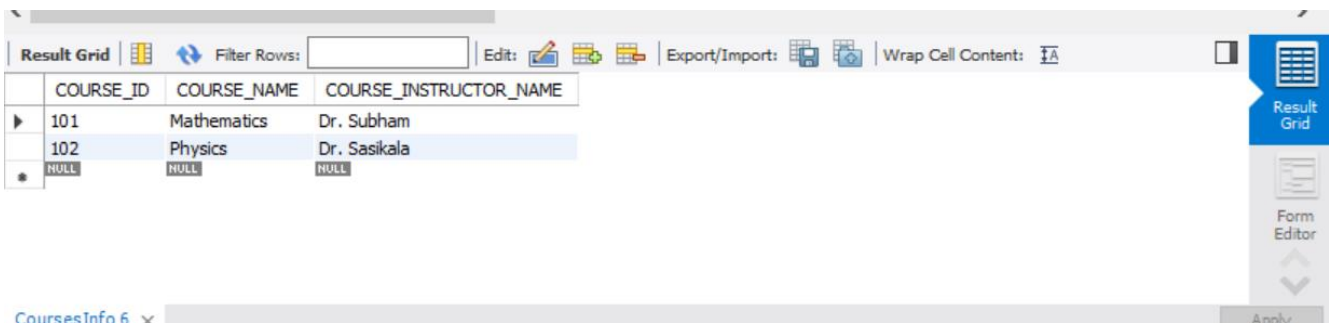


The screenshot shows a database query result grid with the following data:

COURSE_ID	COURSE_NAME	COURSE_INSTRUCTOR_NAME
101	Mathematics	Dr. Subham
NULL	NULL	NULL

The interface includes a toolbar with options like 'Filter Rows', 'Edit', 'Export/Import', and 'Wrap Cell Content'. The result is displayed in a tab labeled 'CoursesInfo 5'.

e) Write a query to retrieve course information for multiple courses.



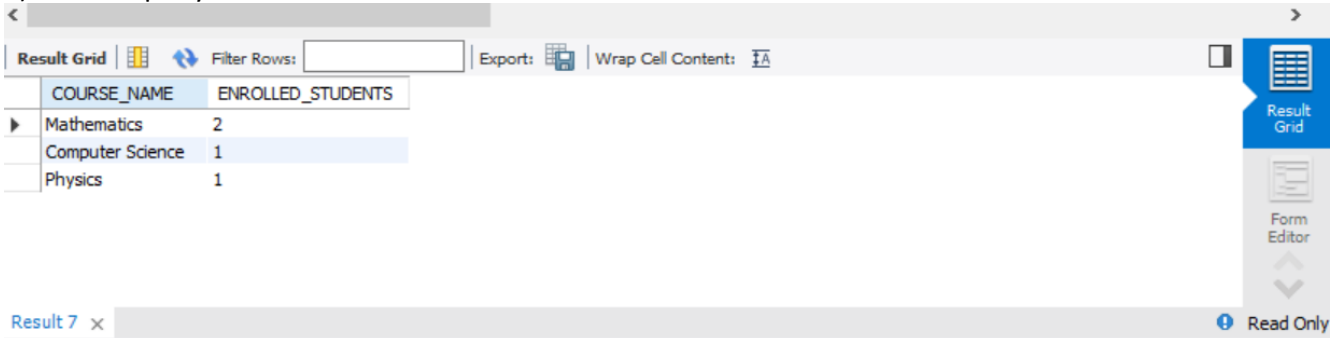
The screenshot shows a database query result grid with the following data:

COURSE_ID	COURSE_NAME	COURSE_INSTRUCTOR_NAME
101	Mathematics	Dr. Subham
102	Physics	Dr. Sasikala
NULL	NULL	NULL

The interface includes a toolbar with options like 'Filter Rows', 'Edit', 'Export/Import', and 'Wrap Cell Content'. The result is displayed in a tab labeled 'CoursesInfo 6'.

4. Reporting and Analytics (Using joining queries)

a) Write a query to retrieve the number of students enrolled in each course

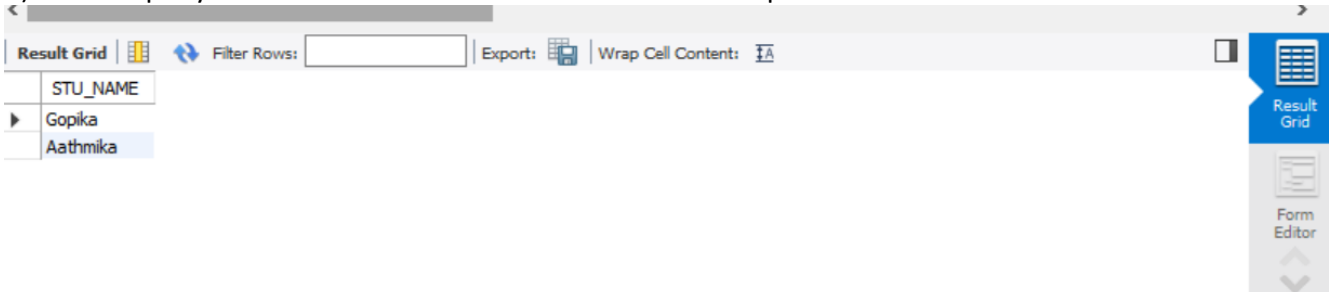


The screenshot shows a database query result grid with the following data:

COURSE_NAME	ENROLLED_STUDENTS
Mathematics	2
Computer Science	1
Physics	1

The interface includes a toolbar with options like 'Filter Rows', 'Export', and 'Wrap Cell Content'. The result is displayed in a tab labeled 'Result 7'.

b) Write a query to retrieve the list of students enrolled in a specific course



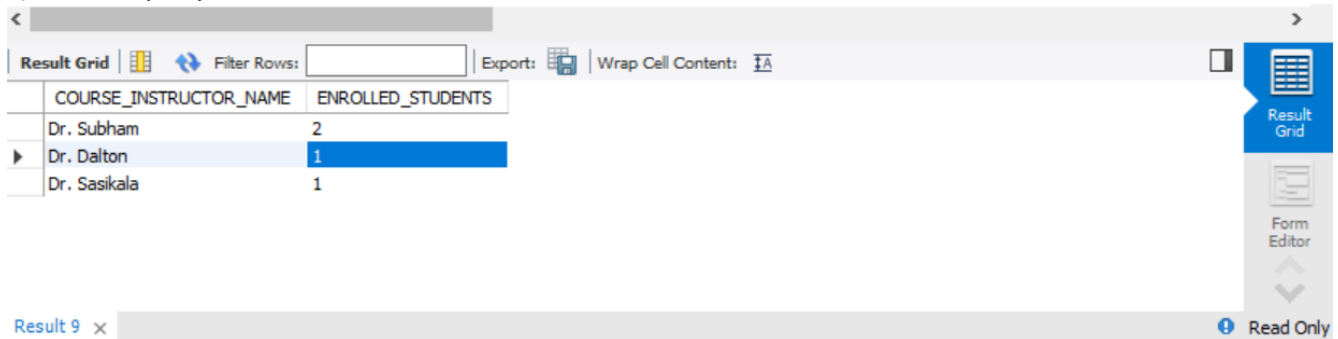
The screenshot shows a database query result grid with the following data:

STU_NAME
Gopika
Aathmika

The interface includes a toolbar with options like 'Filter Rows', 'Export', and 'Wrap Cell Content'. The result is displayed in a tab labeled 'Result 8'.

OUTPUTS

c) Write a query to retrieve the count of enrolled students for each instructor.

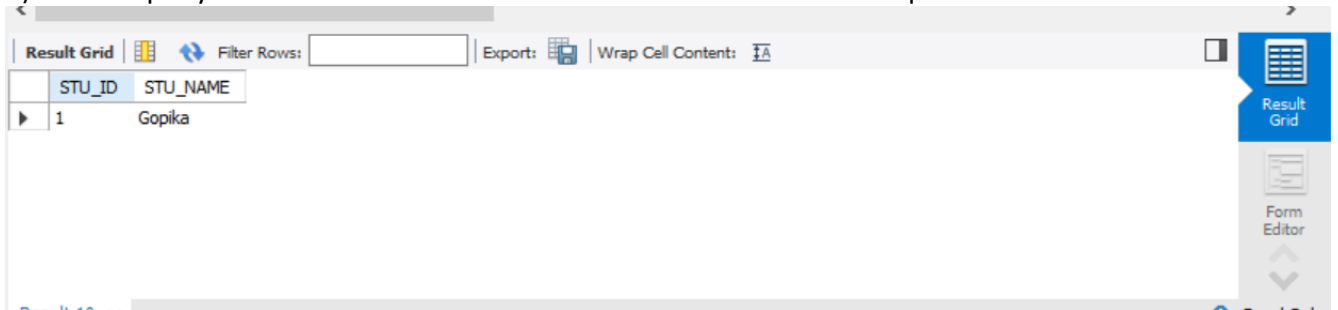


The screenshot shows a database query result grid with the following data:

COURSE_INSTRUCTOR_NAME	ENROLLED_STUDENTS
Dr. Subham	2
Dr. Dalton	1
Dr. Sasikala	1

The interface includes a toolbar with options like 'Filter Rows', 'Export', and 'Wrap Cell Content'. A sidebar on the right contains 'Result Grid' and 'Form Editor' buttons. The bottom status bar indicates 'Result 9' and 'Read Only'.

d) Write a query to retrieve the list of students who are enrolled in multiple courses

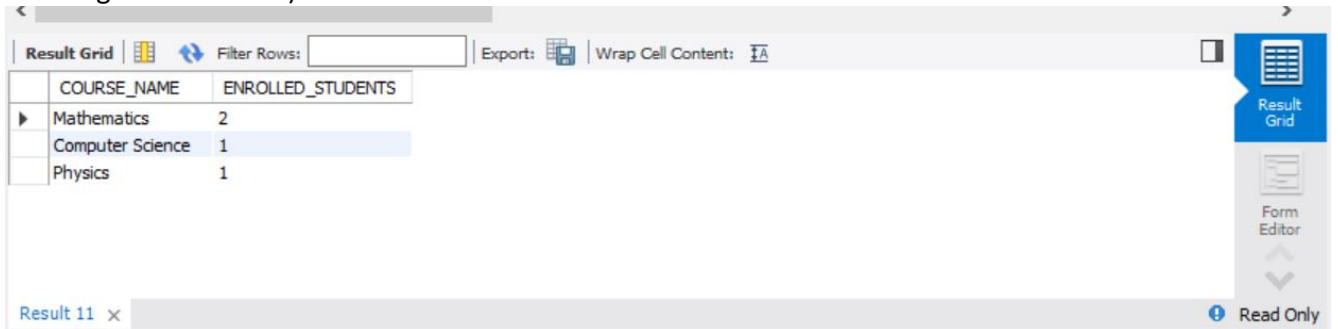


The screenshot shows a database query result grid with the following data:

STU_ID	STU_NAME
1	Gopika

The interface includes a toolbar with options like 'Filter Rows', 'Export', and 'Wrap Cell Content'. A sidebar on the right contains 'Result Grid' and 'Form Editor' buttons. The bottom status bar indicates 'Result 10' and 'Read Only'.

e) Write a query to retrieve the courses that have the highest number of enrolled students (arranging from highest to lowest)



The screenshot shows a database query result grid with the following data:

COURSE_NAME	ENROLLED_STUDENTS
Mathematics	2
Computer Science	1
Physics	1

The interface includes a toolbar with options like 'Filter Rows', 'Export', and 'Wrap Cell Content'. A sidebar on the right contains 'Result Grid' and 'Form Editor' buttons. The bottom status bar indicates 'Result 11' and 'Read Only'.