```
4 rows in set (0.00 sec)

mysql>
mysql> -- Step 6: Right Outer Join
mysql> SELECT students.name, courses.course_name
    -> FROM students
    -> RIGHT JOIN courses
    -> ON students.course_id = courses.course_id;
+-------+-------------+
| name  | course_name |
+-------+-------------+
| Alice | Mathematics |
| Bob   | Physics     |
| NULL  | Chemistry   |
| NULL  | Biology     |
+-------+-------------+
4 rows in set (0.00 sec)

mysql>
mysql> -- Step 7: Full Outer Join (Simulated using UNION)
mysql> SELECT students.name, courses.course_name
    -> FROM students
    -> LEFT JOIN courses
    -> ON students.course_id = courses.course_id
    -> UNION
    -> SELECT students.name, courses.course_name
    -> FROM students
    -> RIGHT JOIN courses
    -> ON students.course_id = courses.course_id;
+---------+-------------+
| name    | course_name |
+---------+-------------+
| Alice   | Mathematics |
| Bob     | Physics     |
| Charlie | NULL        |
| David   | NULL        |
| NULL    | Chemistry   |
| NULL    | Biology     |
+---------+-------------+
6 rows in set (0.03 sec)
```