

```
MySQL 8.0 Command Line Client
+-----+
| Alice | Computer Science |
| Bob   | Mechanical Engineering |
| Charlie | Civil Engineering |
| David | Computer Science |
+-----+
4 rows in set (0.00 sec)

mysql> SELECT S.student_name, C.course_name
-> FROM Students S
-> INNER JOIN Courses C ON S.course_id = C.course_id;
+-----+
| student_name | course_name |
+-----+
| Alice        | Computer Science |
| Bob          | Mechanical Engineering |
| Charlie       | Civil Engineering |
| David        | Computer Science |
+-----+
4 rows in set (0.00 sec)

mysql> SELECT S.student_name, C.course_name
-> FROM Students S
-> LEFT JOIN Courses C ON S.course_id = C.course_id;
+-----+
| student_name | course_name |
+-----+
| Alice        | Computer Science |
| Bob          | Mechanical Engineering |
| Charlie       | Civil Engineering |
| David        | Computer Science |
| Eve          | NULL |
+-----+
5 rows in set (0.00 sec)

mysql> SELECT S.student_name, C.course_name
-> FROM Students S
-> RIGHT JOIN Courses C ON S.course_id = C.course_id;
+-----+
| student_name | course_name |
+-----+
| David        | Computer Science |
| Alice        | Computer Science |
| Bob          | Mechanical Engineering |
+-----+
```