

```
mysql> select * from instructor;
```

| ID | name | dept_name | salary |
|------|--------|------------------|-----------|
| 1012 | John | Computer Science | 143000.00 |
| 1013 | Stella | Civil | 187000.00 |
| 1014 | Kim | Computer Science | 135000.00 |
| 1015 | Jenny | Mechanical | 100000.00 |
| 1016 | Jack | Mechanical | 100000.00 |
| 1017 | Louis | Electrical | 70000.00 |

6 rows in set (0.00 sec)

```
mysql> select * from teaches;
```

| ID | course_id | sec_id | semester | year |
|------|-----------|--------|----------|------|
| 1012 | CS-101 | 1 | Fall | 2017 |
| 1013 | CS-106 | 1 | Spring | 2018 |
| 1015 | EE-221 | 1 | Spring | 2018 |
| 1016 | EE-107 | 1 | Spring | 2018 |
| 1017 | EE-340 | 1 | Spring | 2017 |

5 rows in set (0.00 sec)

```
mysql> select * from course;
```

| course_id | title | dept_name | credits |
|-----------|--------|------------------|---------|
| CS-101 | Fall | Computer Science | 2 |
| CS-106 | Spring | Computer Science | 4 |
| EE-107 | Spring | Electrical | 3 |
| EE-221 | Spring | Electrical | 3 |
| EE-340 | Spring | Electrical | 3 |

5 rows in set (0.00 sec)

```
mysql> select name,dept_name FROM instructor NATURAL JOIN course;
+-----+-----+
| name | dept_name |
+-----+-----+
| John | Computer Science |
| Kim  | Computer Science |
| John | Computer Science |
| Kim  | Computer Science |
| Louis | Electrical |
| Louis | Electrical |
| Louis | Electrical |
+-----+-----+
7 rows in set (0.00 sec)
```

```
mysql> select name,dept_name FROM instructor NATURAL JOIN teaches;
+-----+-----+
| name | dept_name |
+-----+-----+
| John | Computer Science |
| Stella | Civil |
| Jenny | Mechanical |
| Jack | Mechanical |
| Louis | Electrical |
+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> select name,dept_name FROM instructor NATURAL JOIN course NATURAL JOIN teaches;
+-----+-----+
| name | dept_name |
+-----+-----+
| John | Computer Science |
| Louis | Electrical |
+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> SELECT name, title FROM instructor NATURAL JOIN teaches, course WHERE teaches.course_id = course.course_id;
+-----+-----+
| name | title |
+-----+-----+
| John | Fall |
| Stella | Spring |
| Jenny | Spring |
| Jack | Spring |
| Louis | Spring |
+-----+-----+
5 rows in set (0.00 sec)
```