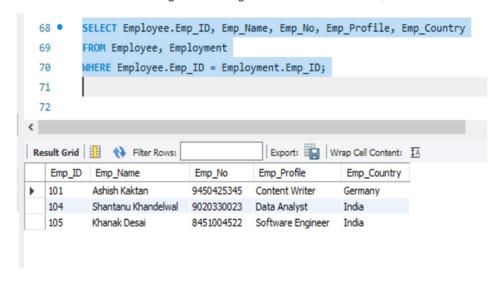
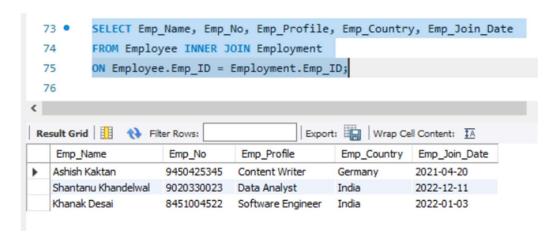


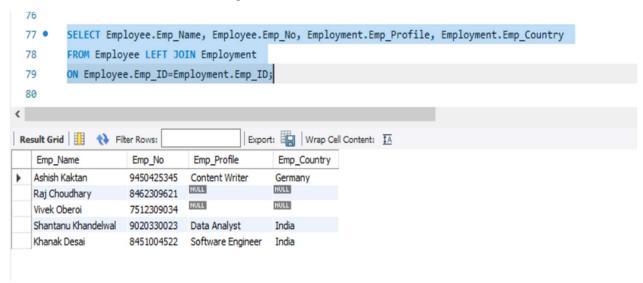
Join these two tables together using a SELECT statement,



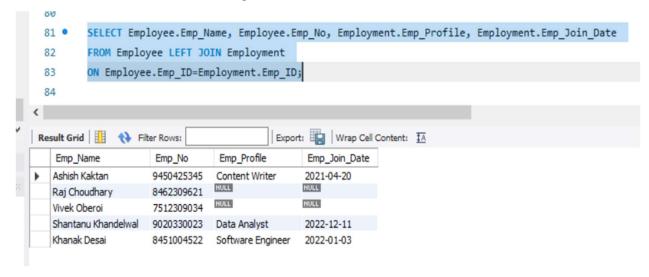
INNER JOIN on these two tables using a SELECT statement



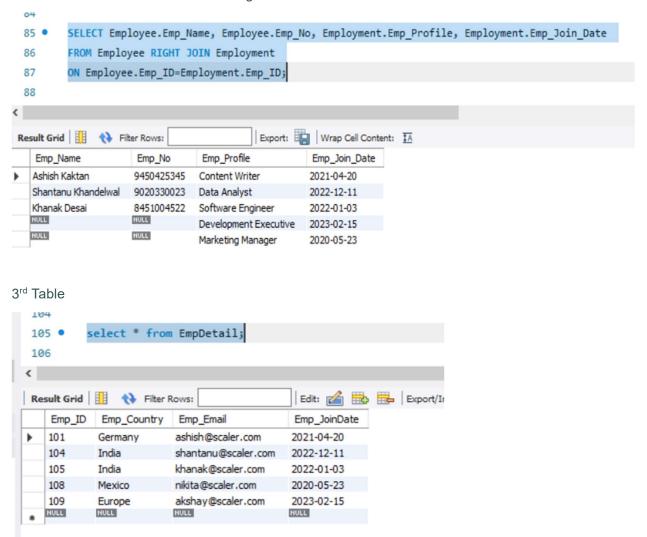
LEFT JOIN on these two tables using a SELECT statement



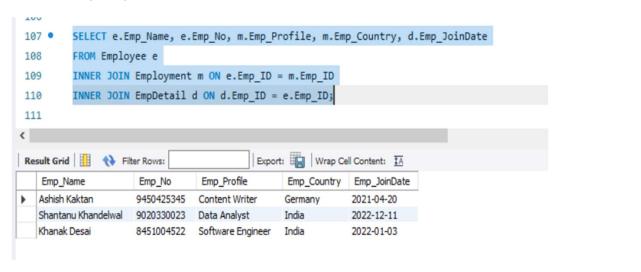
LEFT JOIN on these two tables using a SELECT statement



RIGHT JOIN on these two tables using a SELECT statement

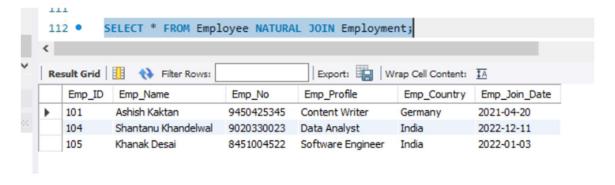


### SQL query to join three tables

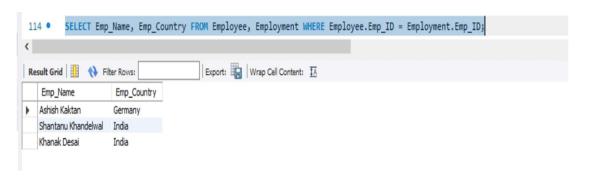


How should data be structured to support Join Operations in a many-to-many relationship?

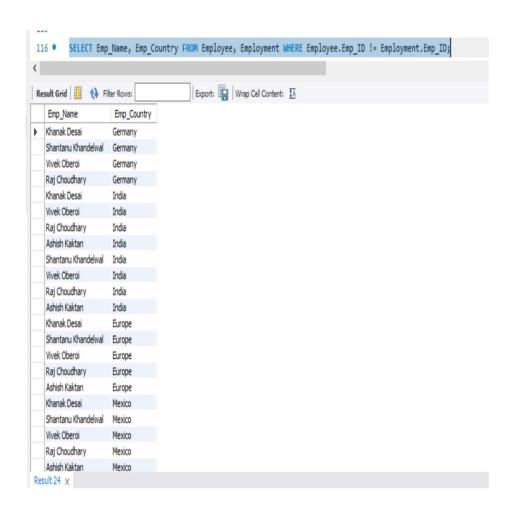
# natural join



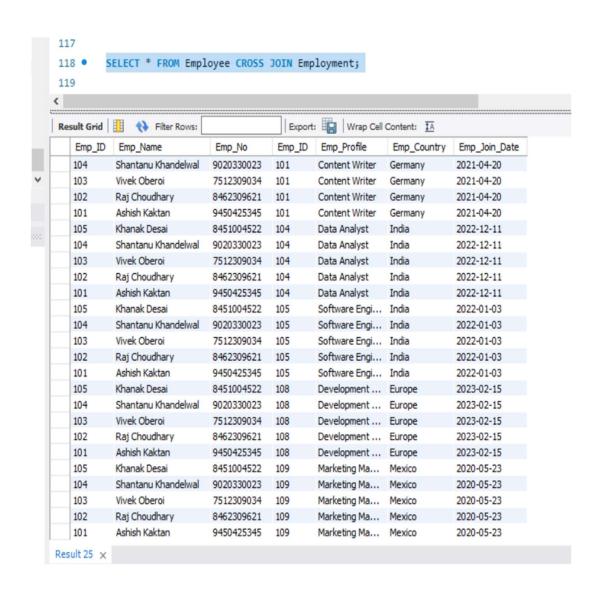
# **Equi Join**



## Non-Equi Join



## **Cross Join**



# Q2) Create Student table with the fields (rollno,sname,saddress,gender) apply all possible constraints on Student table

```
171
122 • ⊖ CREATE TABLE Student (
123
            rollno INT PRIMARY KEY,
124
            sname VARCHAR(50) NOT NULL,
            saddress VARCHAR(255),
125
            gender ENUM('Male', 'Female', 'Other') NOT NULL,
126
            UNIQUE KEY (sname), -- Ensures unique student names
127
            CHECK (gender IN ('Male', 'Female', 'Other')), -- Ensures gender is one of the specified values
128
            CONSTRAINT chk_rollno_positive CHECK (rollno > 0) -- Ensures rollno is a positive number
129
130
        );
        select * from Student;
131 •
                                      Edit: 🔏 🖶 🖶 Export/Import: 📳 🐻 Wrap Cell Content: 🖽
rollno
         sname saddress gender
NULL
```

