

2.2

Joining More Than Two Tables

How to Join More than Two Tables

- To include more tables in the query, you simply add more additional **JOIN** clauses

Code Snippet:

```
1  USE world;
2  SELECT ci.name AS "City Name",
3         co.name AS "Country Name",
4         cl.language AS "Country Language"
5  FROM city ci
6       JOIN country co
7         ON ci.CountryCode = co.Code
8       JOIN country language cl
9         ON cl.CountryCode = ci.CountryCode;
```

Results:

```

1 • USE world;
2 • SELECT ci.name AS "City Name",
3       co.name AS "Country Name",
4       cl.language AS "Country Language"
5 FROM city ci
6     JOIN country co
7       ON ci.CountryCode = co.Code
8     JOIN countrylanguage cl
9       ON cl.CountryCode = ci.CountryCode;

```

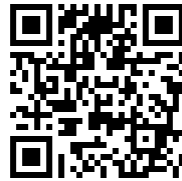
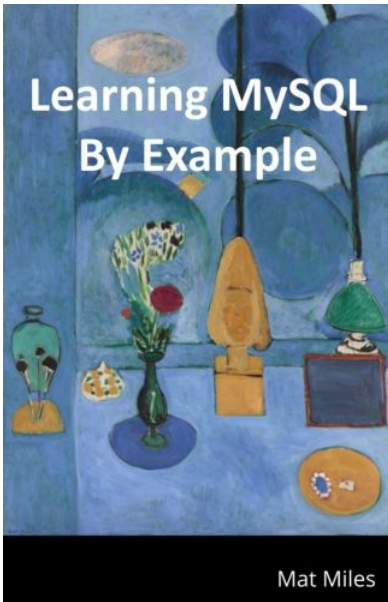
	City Name	Country Name	Country Language
▶	Oranjestad	Aruba	Dutch
	Oranjestad	Aruba	English
	Oranjestad	Aruba	Papiamentu
	Oranjestad	Aruba	Spanish
	Kabul	Afghanistan	Balochi
	Kabul	Afghanistan	Dari

JOIN countrylanguage cl.

- The “cl” is the alias for countrylanguage.
- You can refer to tables already specified in a previous join.

ON cl.CountryCode = ci.CountryCode;

- The common column between the two tables being joined is the CountryCode column from the countrylanguage table and the CountryCode column from the city table.
- The “cl” alias previously defined for countrylanguage is used to specify the CountryCode column.



Miles, M. (2021). *Learning MySQL By Example*. EdTech Books. https://edtechbooks.org/learning_mysql