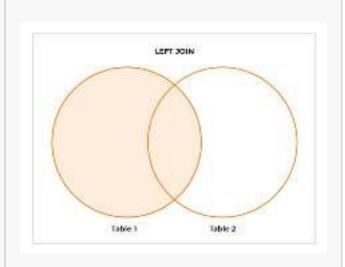
Cheat Sheet

Task	Example
What does SQL stand for?	Structured Query Language
Default Port on which MySQL runs?	3306 TCP
Hello World example?	SELECT "Hello World";
How to list all databases?	SHOW DATABASES;
How to select a database to query against?	USE DatabaseName;
How to list storage engines?	SHOW ENGINES;
How to display the structure of a table?	DESCRIBE TableName; or,

	EXPLAIN TableName;
How to list all tables in a database?	SHOW TABLES;
How to list all views in a database?	SHOW FULL TABLES IN <substitute_ database_name=""> WHERE TABLE_TYPE LIKE 'VIEW';</substitute_>
How to display create database statement?	SHOW CREATE DATABASE DBName;
How to list all tables in a database?	SHOW TABLES;
How to display create table statement?	SHOW CREATE TABLE TableName;
How to list available character sets?	SHOW CHARACTER SET;
How to list available collations?	SHOW COLLATION;
How to list variables and their values set for the running MySQL server?	SHOW VARIABLES;

How to get rows from a table?	SELECT * FROM TableName;
How to create a table?	CREATE TABLE MyTable (id INT, na me VARCHAR(30));
How to create an index on a table?	<pre>CREATE INDEX indexOnId ON MyTabl e(id);</pre>
How to create a table with a primary key?	CREATE TABLE MyTable (id INT, na me VARCHAR(30), PRIMARY KEY (id));
How to alter the name of a table?	ALTER TABLE MyTable RENAME NotMy Table;
How to inner join two tables?	SELECT * FROM TableA INNER JOIN TableB ON TableA.id = TableB.id; INNER JOIN Table 2
How to left join two tables?	SELECT * FROM TableA LEFT JOIN TableB ON TableA.id = TableB.id;

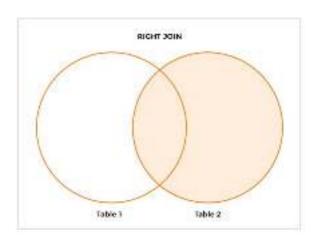


SELECT * FROM

TableA RIGHT JOIN TableB

ON TableA.id = TableB.id;

How to right join two tables?



How to find a full outer join?

SELECT * FROM TableA

LEFT JOIN TableB

ON TableA.id = TableB.id

UNION ALL

SELECT * FROM TableA

RIGHT JOIN TableB

ON TableA.id = TableB.id

WHERE TableA.id IS NULL;

