

**1. Besides the creation and dropping of tables and columns (Data Definition Requests or DDL), what other types of requests can you make to a MySQL database? How is data retrieved from a MySQL database? What clauses exist for restricting the data that is returned to the user? Please include the syntax for this type of request, and examples.**

There are multiple types of requests or queries you can use with a MySQL database, listed as the Data definition language (DDL), Data manipulation language(DML), Data query language(DQL), Data control language (DCL), and Transaction control language(TCL). Data is mainly retrieved by using the SQL SELECT statement and if you use the WHERE clause that will restrict the number of rows returned from the SELECT query.

**2. Research different constructs that are available in MySQL when retrieving data. What types of constructs can be put into the WHERE clause? Please include the syntax for this type of request, and examples.**

The most commonly used construct for MySQL when retrieving data is the WHERE clause but multiple constructs can be paired with this. For instance, "IF, CASE, ITERATE, LEAVE LOOP, WHILE, REPEAT, OR" can all be added to specify more information when retrieving data. Likely, you would use "SELECT "what\_to\_select" FROM "which\_table" WHERE "conditions\_to\_satisfy" OR "conditions\_to\_satisfy". This adds functionality to retrieve additional data or other data you may be looking for.

1. "<https://www.educba.com/mysql-queries/>"
2. "<https://dev.mysql.com/doc/refman/8.0/en/flow-control-statements.html#:~:text=MySQL%20supports%20the%20IF%20%2C%20CASE,specifications%20in%20the%20following%20sections.>"
3. "<https://dev.mysql.com/doc/mysql-tutorial-excerpt/8.0/en/retrieving-data.html#:~:text=The%20SELECT%20statement%20is%20used%20to%20pull%20information%20from%20a%20table.>"

