

Besides creating and dropping tables and columns (Data Definition Requests), what other types of requests can you make to a MySQL database? How is data retrieved from a MySQL database? Include the syntax for this type of request.

SELECT statement will retrieve data from a database.

Syntax to select all columns:

```
SELECT * FROM table_name;
```

Syntax to select specific columns:

```
SELECT column1, column2, ...  
FROM table_name;
```

Other types of requests include INSERT, ORDER BY, UPDATE, DELETE, Alter Table, Create Index

Source: [MySQL SELECT Statement \(w3schools.com\)](https://www.w3schools.com/sql/default.asp)

Research different constructs that are available in MySQL when retrieving data. What types of constructs can be put into the WHERE clause?

=, <>, !=, <, <=, >, >=

LIKE, NOT LIKE

AND, OR, NOT, XOR

IN, NOT IN

BETWEEN, NOT BETWEEN

IS NULL, IS NOT NULL

Source: [MySQL Tutorial - MySQL By Examples for Beginners \(ntu.edu.sg\)](https://www.ntu.edu.sg/learning/technology/mysql-tutorial)