

SQL Basics Part 3 Notes

Team Treehouse

June 3, 2020

1 Searching Tables with 'WHERE'

- WHERE clause

- **Syntax:** `SELECT columns FROM table name WHERE condition;`
- **Syntax (Condition):** `Columns Operator Value`

- Equality Operator

- **Syntax:** `SELECT columns FROM table name WHERE column name = value;`

```
1 SELECT * FROM contacts WHERE first_name = "Andrew";
2 SELECT first_name, email FROM users WHERE last_name = "Chalkley";
3 SELECT name AS "Product Name" FROM products WHERE stock_count = 0;
4 SELECT title "Book Title" FROM books WHERE year_published = 1999;
5
```

- Inequality Operator

- **Syntax:** `SELECT columns FROM table name WHERE column name != value;`

```
1 SELECT * FROM contacts WHERE first_name != "Kenneth";
2 SELECT first_name, email FROM users WHERE last_name != "L:one";
3 SELECT name AS "Product Name" FROM products WHERE stock_count !=
4 0;
5 SELECT title "Book Title" FROM books WHERE year_published != 2015;
```

- Greater than/ Less than Operator

- **Syntax (less than):** `SELECT columns FROM table name WHERE column name < value;`
- **Syntax (greater than):** `SELECT columns FROM table name WHERE column name > value;`

- Cheat Sheet: [Link](#)