

Reporting with SQL Part 2 Notes

Team Treehouse

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1 What Are Functions?

- Presents data differently through manipulation
- **Syntax:** *function name(value or column)*
- e.g. LENGTH(), UPPER("Andrew Chalkley"), SUM()

2 Adding Text Columns Together

- **Syntax:** *SELECT value or column ||value or column ||value or column FROM table name;*
- `||` → concat operator

Example:

```
1 SELECT first_name || " " || last_name AS "Full Name",  
2        email AS "Email", phone AS "Phone"  
3 FROM customers;  
4
```

Full Name	Email	Phone
Lauren Chalkley	Lauren.Chalkley@example.com	(601)-555-8510
Dave McFarland	Dave.McFarland@example.com	(675)-555-4108
Pasan Premaratne	pdawg@example.com	(898)-555-3719
Andrew Chalkley	Andrew@teamtreehouse.com	(798)-555-8112
Rachael Hinkley	Rachael.Hinkley@example.com	(645)-555-2397