* Section slides: <http://webdev.slides.com/coltsteele/mysql-99-100?token=9y9gk-f7#/46>

# CRUD Create Exercise

* Solution code

1. SELECT database();
3. CREATE DATABASE shirts\_db;
5. use shirts\_db;
7. SELECT database();
9. CREATE TABLE shirts
10. (
11. shirt\_id INT NOT NULL AUTO\_INCREMENT,
12. article VARCHAR(100),
13. color VARCHAR(100),
14. shirt\_size VARCHAR(100),
15. last\_worn INT,
16. PRIMARY KEY(shirt\_id)
17. );
19. DESC shirts;
21. INSERT INTO shirts(article, color, shirt\_size, last\_worn) VALUES
22. ('t-shirt', 'white', 'S', 10),
23. ('t-shirt', 'green', 'S', 200),
24. ('polo shirt', 'black', 'M', 10),
25. ('tank top', 'blue', 'S', 50),
26. ('t-shirt', 'pink', 'S', 0),
27. ('polo shirt', 'red', 'M', 5),
28. ('tank top', 'white', 'S', 200),
29. ('tank top', 'blue', 'M', 15);
31. SELECT \* FROM shirts;
33. INSERT INTO shirts(color, article, shirt\_size, last\_worn)
34. VALUES('purple', 'polo shirt', 'medium', 50);
36. SELECT \* FROM shirts;

# CRUD Read Exercise

* Solution code

1. SELECT article, color FROM shirts;
3. SELECT \* FROM shirts WHERE shirt\_size='M';
5. SELECT article, color, shirt\_size, last\_worn FROM shirts WHERE shirt\_size='M';

# CRUD Update Exercise

* Solution code

1. SELECT \* FROM shirts WHERE article='polo shirt';
3. UPDATE shirts SET shirt\_size='L' WHERE article='polo shirt';
5. SELECT \* FROM shirts WHERE article='polo shirt';
7. SELECT \* FROM shirts;
9. SELECT \* FROM shirts WHERE last\_worn=15;
11. UPDATE shirts SET last\_worn=0 WHERE last\_worn=15;
13. SELECT \* FROM shirts WHERE last\_worn=15;
15. SELECT \* FROM shirts WHERE last\_worn=0;
17. SELECT \* FROM shirts WHERE color='white';
19. UPDATE shirts SET color='off white', shirt\_size='XS' WHERE color='white';
21. SELECT \* FROM shirts WHERE color='white';
23. SELECT \* FROM shirts WHERE color='off white';
25. SELECT \* FROM shirts;

# CRUD Delete Exercise

1. SELECT \* FROM shirts;
3. SELECT \* FROM shirts WHERE last\_worn=200;
5. DELETE FROM shirts WHERE last\_worn=200;
7. SELECT \* FROM shirts WHERE article='tank top';
9. DELETE FROM shirts WHERE article='tank top';
11. SELECT \* FROM shirts WHERE article='tank top';
13. SELECT \* FROM shirts;
15. DELETE FROM shirts;
17. SELECT \* FROM shirts;
19. DROP TABLE shirts;
21. show tables;
23. DESC shirts;