

CODE: CRUD Exercise Create Solution

Section 6, Lecture 89

```
SELECT database();
```

```
CREATE DATABASE shirts_db;
```

```
use shirts_db;
```

```
SELECT database();
```

```
CREATE TABLE shirts
(
    shirt_id INT NOT NULL AUTO_INCREMENT,
    article VARCHAR(100),
    color VARCHAR(100),
    shirt_size VARCHAR(100),
    last_worn INT,
    PRIMARY KEY(shirt_id)
);
```

```
DESC shirts;
```

```
INSERT INTO shirts(article, color, shirt_size, last_worn) VALUES
('t-shirt', 'white', 'S', 10),
('t-shirt', 'green', 'S', 200),
('polo shirt', 'black', 'M', 10),
('tank top', 'blue', 'S', 50),
('t-shirt', 'pink', 'S', 0),
('polo shirt', 'red', 'M', 5),
('tank top', 'white', 'S', 200),
('tank top', 'blue', 'M', 15);
```

```
SELECT * FROM shirts;
```

```
INSERT INTO shirts(color, article, shirt_size, last_worn)
VALUES('purple', 'polo shirt', 'medium', 50);
```

```
SELECT * FROM shirts;
```

CODE: CRUD Exercise Read Solution

Section 6, Lecture 91

```
SELECT article, color FROM shirts;
```

```
SELECT * FROM shirts WHERE shirt_size='M';
```

```
SELECT article, color, shirt_size, last_worn FROM shirts WHERE shirt_size='M';
```

CODE: CRUD Exercise Update Solution

Section 6, Lecture 93

```
SELECT * FROM shirts WHERE article='polo shirt';

UPDATE shirts SET shirt_size='L' WHERE article='polo shirt';

SELECT * FROM shirts WHERE article='polo shirt';

SELECT * FROM shirts;

SELECT * FROM shirts WHERE last_worn=15;

UPDATE shirts SET last_worn=0 WHERE last_worn=15;

SELECT * FROM shirts WHERE last_worn=15;

SELECT * FROM shirts WHERE last_worn=0;

SELECT * FROM shirts WHERE color='white';

UPDATE shirts SET color='off white', shirt_size='XS' WHERE color='white';

SELECT * FROM shirts WHERE color='white';

SELECT * FROM shirts WHERE color='off white';

SELECT * FROM shirts;
```

CODE: CRUD Exercise Delete Solution

Section 6, Lecture 95

```
SELECT * FROM shirts;
```

```
SELECT * FROM shirts WHERE last_worn=200;
```

```
DELETE FROM shirts WHERE last_worn=200;
```

```
SELECT * FROM shirts WHERE article='tank top';
```

```
DELETE FROM shirts WHERE article='tank top';
```

```
SELECT * FROM shirts WHERE article='tank top';
```

```
SELECT * FROM shirts;
```

```
DELETE FROM shirts;
```

```
SELECT * FROM shirts;
```

```
DROP TABLE shirts;
```

```
show tables;
```

```
DESC shirts;
```