

1. CREATE & READ & UPDATE & DELETE

```
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;


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';
```

```
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;
```

```
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;