

## 26 - INSERT INTO

```
INSERT INTO items VALUES ('101', 'stuff', '9.95', '1', '10')
```

```
INSERT INTO items (id, name, cost, seller_id, bids) VALUES ('101', 'stuff', '9.95', '1', '10')
```

## 27 - How to Insert Multiple Rows

```
INSERT INTO items (id, name, cost, seller_id, bids) VALUES  
( '102', 'stuff 2', '9.92', '2', '12'),  
( '103', 'stuff 3', '9.93', '3', '13')
```

## 28 - UPDATE & DELETE

```
UPDATE items SET name = 'Brand new 4k TV' , bids = 33 WHERE id = 106
```

```
DELETE FROM items WHERE id = 106
```

## 29 - CREATE TABLE

```
CREATE TABLE users(  
id int,  
username varchar (30),  
password varchar (20),  
PRIMARY KEY (id)  
)
```

## 30 - NOT NULL & AUTO INCREMENT

```
CREATE TABLE users(  
id int NOT NULL AUTO_INCREMENT,  
username varchar (30) NOT NULL,  
password varchar (20 NOT NULL),  
PRIMARY KEY (id)  
)
```

## 31 - ALTER / DROP / RENAME TABLE

```
ALTER TABLE items ADD newcolumn varchar(19) // wstawianie nowej kolumny
```

```
ALTER COLUMN items DROP COLUMN newcolumn // usuwanie kolumny
```

```
DROP TABLE items / usuwanie tabeli
```

```
RENAME TABLE customers TO users
```

## 32 - Views

```
CREATE VIEW mostbids AS
```

```
SELECT id, name, bids FROM items ORDER BY bids DESC LIMIT 10
```