**SQL CREATE/INSERT/UPDATE/DELETE**

**PostgreSQL datatypes:**

* boolean
* char(n), varchar(n), text – prefer varchar(n) or text
* smallint (2 bytes), integer (4 bytes), bigint, serial
* decimal(precision, scale) - exact arithmetic. precision = total digits, scale = digits in frac part
* real - inexact
* double precision - inexact
* money
* timestamp [ with time zone ], date, time [ with time zone ], interval
* smallserial, serial, bigserial – automatic id generation

CREATE TABLE tablename (col1 type1, col2 type2, ...)

DROP TABLE tablename;

INSERT INTO tablename VALUES (val1, val2, ...)

INSERT INTO tablename(col1, col2, ...) VALUES (val1, val2, ...)  
  
INSERT INTO tablename(col1, col2, …) SELECT …

UPDATE tablename

SET col1 = val1, col2 = val2, ...

WHERE condition

DELETE FROM tablename WHERE condition

**Things you can add to an attribute:**

* NOT NULL
* DEFAULT
* UNIQUE
* CHECK