Шпаргалка по SQL

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СОЗДАНИЕ И УДАЛЕНИЕ	ВСТАВКА
DROP TABLE IF EXISTS color; CREATE TABLE color (id INTEGER PRIMARY KEY, name TEXT);	INSERT INTO таблица (столбец, столбец) VALUES (значение, значение...);

ИЗМЕНЕНИЕ	РЕДАКТИРОВАНИЕ
ALTER TABLE таблица RENAME TO новое_имя; ALTER TABLE таблица ADD COLUMN название ТИП; ALTER TABLE таблица RENAME COLUMN старое_название TO новое_название;	UPDATE driver SET surname = 'Иванов' WHERE name = 'Иван'; UPDATE car SET brand = 'Toyota' WHERE id = 10;

УДАЛЕНИЕ

DELETE FROM driver WHERE id in (1,2,3,4,5);

ВЫБОРКА

АЛИАСЫ

SELECT столбецА, столбецБ FROM таблица;
SELECT * FROM таблица;
SELECT * FROM таблица ORDER BY rating ASC; // DESC
SELECT name FROM user WHERE salary > 3000000;

SELECT brand AS car_brand FROM cars;
SELECT co.name, ca.brand FROM cars AS ca JOIN colors AS co ON ca.color_id = co.id;

ВЫБОРКА ИЗ НЕСКОЛЬКИХ ТАБЛИЦ

SELECT * FROM user WHERE name != 'Олег';
SELECT * FROM user WHERE name LIKE 'Н%';
SELECT * FROM user WHERE name LIKE '%я';
SELECT * FROM user WHERE name LIKE 'Натал_я';
SELECT * FROM user WHERE salary BETWEEN 50000 AND 100000;
SELECT * FROM user WHERE salary > 50000 AND salary < 100000;
SELECT * FROM user WHERE rating IS NOT NULL;
SELECT * FROM user WHERE id IN (1,2,3,4,5);
SELECT * FROM user WHERE name IN ('Наталья', 'Наталия');
SELECT AVG(salary) FROM staff;
SELECT MIN(salary), MAX(salary) FROM staff;

SELECT driver.name, car.brand FROM driver JOIN car ON driver.car_id = car.id; // LEFT JOIN, RIGHT JOIN, FULL JOIN, CROSS JOIN, NATURAL JOIN