**SQL 1 - HLT**

SHOW DATABASES;

CREATE DATABASE smartphones;

USE smartphones;

CREATE TABLE smartphones\_details(

smartphones\_id INT NOT NULL,

make VARCHAR (20) NOT NULL,

model VARCHAR (20),

year VARCHAR (20) NOT NULL,

Age INT NOT NULL,

price DECIMAL (8,2) NOT NULL,

PRIMARY KEY (smartphones\_id),

UNIQUE (model)

);

EXPLAIN smartphones\_details;

ALTER TABLE smartphones\_details

MODIFY model VARCHAR (20) NOT NULL;

EXPLAIN smartphones\_details;

ALTER TABLE smartphones\_details

ADD COLUMN colour VARCHAR (20) NOT NULL;

EXPLAIN smartphones\_details;

INSERT INTO smartphones\_details (smartphones\_id, make, model, year, age, price, colour)

VALUES ('1', 'APPLE IPHONE', '4', '2012', '23', '499.00', 'BLACK'),

('2', 'APPLE IPHONE', '5', '2013', '35', '599.00', 'BLACK'),

('3', 'APPLE IPHONE', '6', '2015', '27', '699.00', 'BLACK');

SELECT \* FROM smartphones\_details;

INSERT INTO smartphones\_details (smartphones\_id, make, model, year, age, price, colour)

VALUES ('4', 'APPLE IPHONE', '7', '2016', '25', '799.00', 'BLACK');

SELECT \* FROM smartphones\_details;

INSERT INTO smartphones\_details (smartphones\_id, make, model, year, age, price, colour)

VALUES ('5', 'APPLE IPHONE', '8', '2017', '20', '799.00', 'BLACK');

INSERT INTO smartphones\_details (smartphones\_id, make, model, year, age, price, colour)

VALUES ('6', 'APPLE IPHONE', '10', '2018', '30', '899.00', 'BLACK');

INSERT INTO smartphones\_details (smartphones\_id, make, model, year, age, price, colour)

VALUES ('7', 'SAMSUNG', 'GALAXY 8', '2017', '37', '699.00', 'SILVER');

INSERT INTO smartphones\_details (smartphones\_id, make, model, year, age, price, colour)

VALUES ('8', 'SAMSUNG', 'GALAXY 10', '2020', '46', '799.00', 'SILVER');

INSERT INTO smartphones\_details (smartphones\_id, make, model, year, age, price, colour)

VALUES ('9', 'SAMSUNG', 'GALAXY NOTE', '2021', '24', '899.00', 'SILVER');

INSERT INTO smartphones\_details (smartphones\_id, make, model, year, age, price, colour)

VALUES ('10', 'SAMSUNG', 'FLIP', '2022', '36', '799.00', 'PINK');

SELECT \* FROM smartphones\_details;

UPDATE smartphones\_details

SET colour = 'RED'

WHERE smartphones\_id = 1;

SELECT \* FROM smartphones\_details;

DELETE FROM smartphones\_details

WHERE smartphones\_id ='4';

SELECT \* FROM smartphones\_details;