## Drop any pre-existing tables

SET FOREIGN\_KEY\_CHECKS = 0;

DROP TABLE IF EXISTS customer;

DROP TABLE IF EXISTS classSize;

DROP TABLE IF EXISTS disposal;

DROP TABLE IF EXISTS boat;

DROP TABLE IF EXISTS rental\_Reservation;

DROP TABLE IF EXISTS maintenance;

DROP TABLE IF EXISTS stock;

DROP TABLE IF EXISTS orders;

DROP TABLE IF EXISTS supplier;

SET FOREIGN\_KEY\_CHECKS = 1;

## Create the tables

CREATE TABLE customer (

customerOrder VARCHAR(32),

rental INT,

reservation VARCHAR(32),

customerID INT,

customerFName VARCHAR(32),

customerSName VARCHAR(32),

customerNum VARCHAR(32),

customerAdd VARCHAR(64),

customerEmail VARCHAR(32),

PRIMARY KEY (customerOrder)

);

CREATE TABLE classSize (

boatClassSize VARCHAR(32),

price INT,

Sms\_SBoat INT,

PRIMARY KEY (boatClassSize)

);

CREATE TABLE disposal (

partDisposal VARCHAR(32),

disposalReason VARCHAR(32),

moneyGained INT,

10YearsPassed VARCHAR(32),

dealerID INT,

dealerName VARCHAR(32),

dealerNum VARCHAR(32),

dealerAdd VARCHAR(64),

dealerEmail VARCHAR(32)

);

CREATE TABLE stock (

spareParts VARCHAR(32) PRIMARY KEY,

partinStock VARCHAR(32),

partQuantity INT

);

CREATE TABLE orders (

supplierID NUMERIC,

spareParts NUMERIC,

PRIMARY KEY (supplierID,spareParts),

customerEmail VARCHAR(32)

);

CREATE TABLE supplier (

supplierID INT,

manufName VARCHAR(32),

manufNum VARCHAR(32),

manufAdd VARCHAR(64),

manufEmail VARCHAR(32),

partinStock VARCHAR(32),

partQuantity INT,

boatSpecs VARCHAR(32),

boatPrice INT,

deliveryStatus VARCHAR(32),

PRIMARY KEY (supplierID)

);

CREATE TABLE maintenance (

collectUsedBoats VARCHAR(32),

checkIfPartsReceived VARCHAR(32),

boatPriority INT,

boatAvailability VARCHAR(32),

serviceDate VARCHAR(32),

fixBrokenBoat VARCHAR(32),

checkBoatCondition VARCHAR(32),

standardCleaning VARCHAR(32),

lastService VARCHAR(32),

PRIMARY KEY (lastService),

spareParts VARCHAR(32),

FOREIGN KEY (spareParts) REFERENCES stock(spareParts)

);

CREATE TABLE boat (

boatID INT,

modelName VARCHAR(32),

manufID INT,

purchaseDate VARCHAR(32),

boatCost INT,

reservationCards VARCHAR(32),

PRIMARY KEY (boatID),

supplierID INT,

FOREIGN KEY (supplierID) REFERENCES supplier(supplierID),

boatClassSize VARCHAR(32),

FOREIGN KEY (boatClassSize) REFERENCES classSize(boatClassSize),

lastService VARCHAR(32),

FOREIGN KEY (lastService) REFERENCES maintenance(lastService)

);

CREATE TABLE rental\_Reservation (

rentalID INT,

rentalDate VARCHAR(32),

customerDetails VARCHAR(32),

amountPaid INT,

rentalPeriod VARCHAR(32),

PRIMARY KEY (rentalID),

boatClassSize VARCHAR(32),

FOREIGN KEY (boatClassSize) REFERENCES classSize(boatClassSize),

boatID INT,

FOREIGN KEY (boatID) REFERENCES boat(boatID),

customerOrder VARCHAR(32),

FOREIGN KEY (customerOrder) REFERENCES customer(customerOrder)

);

## Insert data into the tables

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

1, 'Explorer', 1, '22-Nov-10', 3910

);

INSERT INTO maintenance(lastService)

VALUES (

'22-oct-20'

);

INSERT INTO classSize(boatClassSize)

VALUES (

'Std\_MBoat'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

2, 'TurboSail ', 2, '12-Oct-09', 840

);

INSERT INTO maintenance(lastService)

VALUES (

'8-Oct-19'

);

INSERT INTO classSize(boatClassSize)

VALUES (

'VLrg\_SBoat'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

3, 'MasterSail ', 2, '12-Oct-15', 3240

);

INSERT INTO maintenance(lastService)

VALUES (

'12-Oct-20'

);

INSERT INTO classSize(boatClassSize)

VALUES (

'Lrg\_SBoat'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

4, 'SmallSailor', 3, '12-Nov-15', 2040

);

INSERT INTO maintenance(lastService)

VALUES (

'14-Oct-20'

);

INSERT INTO classSize(boatClassSize)

VALUES (

'Sml\_SBoat'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

5, 'SmallSailor', 3, '12-Nov-15', 2040

);

INSERT INTO maintenance(lastService)

VALUES (

'13-Oct-20'

);

INSERT INTO classSize(boatClassSize)

VALUES (

'Sml\_SBoat'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

6, 'Grande', 5, '14-Jan-15', 5440

);

INSERT INTO maintenance(lastService)

VALUES (

'15-Oct-20'

);

INSERT INTO classSize(boatClassSize)

VALUES (

'Lrg\_MBoat'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

7, 'Grande', 5, '14-Jan-15', 5440

);

INSERT INTO maintenance(lastService)

VALUES (

'13-Sep-20'

);

INSERT INTO classSize(boatClassSize)

VALUES (

'Lrg\_MBoat'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

8, 'Turbo Mid ', 2, '14-Jan-15', 5440

);

INSERT INTO maintenance(lastService)

VALUES (

'13-Sep-20'

);

INSERT INTO classSize(boatClassSize)

VALUES (

'Std\_MBoat'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

9, 'RowStream', 3, '12-Jan-15', 440

);

INSERT INTO maintenance(lastService)

VALUES (

'10-Aug-20'

);

INSERT INTO classSize(boatClassSize)

VALUES (

'Lrg\_RBoat'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

10, 'RowerX', 4, '12-Jan-15', 320

);

INSERT INTO maintenance(lastService)

VALUES (

'22-Sep-20'

);

INSERT INTO classSize(boatClassSize)

VALUES (

'Std\_RBoat'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

11, 'Explorer', 1, '10-Jan-16', 3320

);

INSERT INTO maintenance(lastService)

VALUES (

'3-Mar-20'

);

INSERT INTO classSize(boatClassSize)

VALUES (

'Lrg\_SBoat'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

12, 'Navigator', 1, '10-Jan-16', 3320

);

INSERT INTO maintenance(lastService)

VALUES (

'3-Apr-20'

);

INSERT INTO classSize(boatClassSize)

VALUES (

'Std\_SBoat'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

13, 'Turbo Mid', 2, '14-Feb-18', 4440

);

INSERT INTO maintenance(lastService)

VALUES (

'14-Sep-20'

);

INSERT INTO classSize(boatClassSize)

VALUES (

'Std\_MBoat'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

14, 'Turbo Mid', 2, '14-Feb-18', 4440

);

INSERT INTO maintenance(lastService)

VALUES (

'13-Sep-20'

);

INSERT INTO classSize(boatClassSize)

VALUES (

'Std\_MBoat'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

15, 'MasterBlaster', 7, '14-Jan-18', 5440

);

INSERT INTO maintenance(lastService)

VALUES (

'14-Oct-19'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

16, 'HappyRower', 8, '10-Jan-18', 340

);

INSERT INTO maintenance(lastService)

VALUES (

'2-oct-20'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

17, 'HappyRower', 8, '10-Jan-18', 340

);

INSERT INTO maintenance(lastService)

VALUES (

'2-oct-20'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

18, 'Streamer', 3, '9-Jan-17', 640

);

INSERT INTO maintenance(lastService)

VALUES (

'7-oct-20'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

19, 'Great Row', 4, '19-Jan-19', 650

);

INSERT INTO maintenance(lastService)

VALUES (

'12-Sep-20'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

20, 'SuperBlaster', 7, '14-Jan-18', 7440

);

INSERT INTO maintenance(lastService)

VALUES (

'7-Aug-20'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

21, 'Lizard', 6, '9-Jan-17', 340

);

INSERT INTO maintenance(lastService)

VALUES (

'4-Oct-20'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

22, 'Grande', 5, '14-Feb-18', 5440

);

INSERT INTO maintenance(lastService)

VALUES (

'13-Sep-20'

);

INSERT INTO boat (boatID, modelName, manufID, purchaseDate, boatCost)

VALUES (

23, 'MasterSail', 2, '12-Oct-15', 3240

);

INSERT INTO maintenance(lastService)

VALUES (

'27-Jan-20'

);

INSERT INTO customer (customerID, customerFName, customerSName, customerNum, customerAdd, customerEmail)

VALUES (

1, 'Dion', 'Brodnecke', '07174826351', '9 Oak Street, Liverpool, L34 8DY', 'dbroes1d@who.int'

);

INSERT INTO customer (customerID, customerFName, customerSName, customerNum, customerAdd, customerEmail)

VALUES (

2, 'Scarlett', 'Galley', '03260476982', '886 Northport Parkway, Liverpool, L3 6DF', 'scargr1c@imgur.com'

);

INSERT INTO customer (customerID, customerFName, customerSName, customerNum, customerAdd, customerEmail)

VALUES (

3, 'Sissy', 'Gadson', '04924556740', '95 Putney Road, Liverpool, L2 7YG', 'sgadson1b@ucoz.com'

);

INSERT INTO customer (customerID, customerFName, customerSName, customerNum, customerAdd, customerEmail)

VALUES (

4, 'Tabby', 'Minichi', '07795213673', '6 Amoth Court, Warrington, WT6 8UY', 'minitabc@imgur.com'

);

INSERT INTO customer (customerID, customerFName, customerSName, customerNum, customerAdd, customerEmail)

VALUES (

5, 'Nellie', 'Greenmon', '03816078215', '40 Graceland Crossing, Liverpool, L23 8FY', 'nelliegreen12@patch.com'

);

INSERT INTO customer (customerID, customerFName, customerSName, customerNum, customerAdd, customerEmail)

VALUES (

6, 'Hanny', 'Marsters', '07075576685', '2 Almo Trail, Liverpool, L21 9FY', 'hmarsters@netlog.com'

);

INSERT INTO customer (customerID, customerFName, customerSName, customerNum, customerAdd, customerEmail)

VALUES (

7, 'Oswell', 'Aspinell', '09931348133', '64 Jackson Road, Liverpool, L5 6FH', 'OsAspinell@digg.com'

);

INSERT INTO customer (customerID, customerFName, customerSName, customerNum, customerAdd, customerEmail)

VALUES (

8, 'Florance', 'Baston', '07315082134', '40 Magdeline Lane, Warrington, WT5 8WK', 'FloBar@dirtg.com'

);

INSERT INTO customer (customerID, customerFName, customerSName, customerNum, customerAdd, customerEmail)

VALUES (

9, 'Candice', 'Tumilson', '01639824657', '1 Farragut Parkway, Liverpool, L75 8GJ', 'canditum15@bloomberg.com'

);

INSERT INTO customer (customerID, customerFName, customerSName, customerNum, customerAdd, customerEmail)

VALUES (

10, 'Clair', 'Bavin', '06245985897', '87 Toban Drive, Liverpool, L26 8GH', 'clairBav@sprog.it'

);

INSERT INTO disposal (dealerID, dealerName, dealerNum, dealerAdd, dealerEmail)

VALUES (

1, 'Dalis Vannoort', '07574137463', '77 A828, Appin, AP7 6GU', 'dvannoort0@salon.com'

);

INSERT INTO disposal (dealerID, dealerName, dealerNum, dealerAdd, dealerEmail)

VALUES (

2, 'Joe’s Junk', '07365534221', '15 Back Lane, Buxton, BX7 5FY ', 'JoesJunk@zdnet.com'

);

INSERT INTO disposal (dealerID, dealerName, dealerNum, dealerAdd, dealerEmail)

VALUES (

3, ' Hoebart Kubera', '07874051869', '4 Finedon House, Marine Parade, Littlestone, LS4 6GU', 'hkubera2@who.int'

);

INSERT INTO disposal (dealerID, dealerName, dealerNum, dealerAdd, dealerEmail)

VALUES (

4, 'Eva Iacomettii', '07880072148', '9 Hartlands, Onslow Road, Newent, NW5 8TU', 'eiacomettii3@admin.ch'

);

INSERT INTO disposal (dealerID, dealerName, dealerNum, dealerAdd, dealerEmail)

VALUES (

5, 'Alley Pate', '07822040557', '07610 Arizona Alley, A67 8GU', 'apate4@gnu.org'

);

INSERT INTO disposal (dealerID, dealerName, dealerNum, dealerAdd, dealerEmail)

VALUES (

6, ' Korrie Legge', '07380018233', '1076 Evesham Road, Astwood Bank, DT5 8JO', 'klegge5@reference.com'

);

INSERT INTO disposal (dealerID, dealerName, dealerNum, dealerAdd, dealerEmail)

VALUES (

7, ' Minne Hinkens', '07978390430', '53 Balby Road, Balby, B7 8HK', 'mhinkens6@smh.com.au'

);

INSERT INTO disposal (dealerID, dealerName, dealerNum, dealerAdd, dealerEmail)

VALUES (

8, 'Inigo MacAllaster', '07893419552', '1910 Farwell Plaza, G56 9FT', 'imacallaster7@blogspot.com'

);

INSERT INTO disposal (dealerID, dealerName, dealerNum, dealerAdd, dealerEmail)

VALUES (

9, 'Linell Skeeles', '07532931207', '57 Great Russell Street, London, NW1 8TU', 'lskeeles8@goo.gl'

);

INSERT INTO disposal (dealerID, dealerName, dealerNum, dealerAdd, dealerEmail)

VALUES (

10, 'Sioux Drogan', '07417098738', '75 Thomas Parsons Square, Ely, EL6 9GU', 'sdrogan9@dropbox.com'

);

INSERT INTO supplier (supplierID, manufName, manufNum, manufAdd, manufEmail)

VALUES (

1,' SuperBoat', '01772459666', 'Unit 7 Centurion Court, Leyland, LE10 2DJ', 'admin@superboat.co.uk'

);

INSERT INTO supplier (supplierID, manufName, manufNum, manufAdd, manufEmail)

VALUES (

2, 'Explorer Boats UK', '01704807654', 'Meadow Lane, Burscough, BU56 8GH', 'admin@explorerboats.co.uk'

);

INSERT INTO supplier (supplierID, manufName, manufNum, manufAdd, manufEmail)

VALUES (

3, 'The Northwich Boat Company', '01270160160', 'Unit 1 Kings Lock Boatyard Booth Lane, Middlewich, MW67 7GY', 'admin@northwichboats.co.uk'

);

INSERT INTO supplier (supplierID, manufName, manufNum, manufAdd, manufEmail)

VALUES (

4, 'Collingwood Boat Builders', '01513742985', '29 Townsend Street, Collingwood, CL27 2DU', 'admin@collingwoodboats.co.uk'

);

INSERT INTO supplier (supplierID, manufName, manufNum, manufAdd, manufEmail)

VALUES (

5, 'Elton Moss Boat Builders', '01270760160', 'Unit 4 Kings Lock Boatyard Booth Lane, Middlewich, MW63 8TY', 'admin@eltonmossboats.co.uk'

);

INSERT INTO supplier (supplierID, manufName, manufNum, manufAdd, manufEmail)

VALUES (

6, 'Aintree Boat Company Ltd', '01515239000', 'Brookfield Drive, Liverpool, L1 6GU', 'admin@aintreeboats.co.uk'

);

INSERT INTO supplier (supplierID, manufName, manufNum, manufAdd, manufEmail)

VALUES (

7, 'Braidbar Boats Ltd', '01625873471', 'Lord Vernons Wharf Lyme Road Higher, Poynton, PY12 9TS', 'admin@braidbarboats.co.uk'

);

INSERT INTO supplier (supplierID, manufName, manufNum, manufAdd, manufEmail)

VALUES (

8, 'Bourne Boat Builders Ltd', '01785714692', 'Teddesley Road, Penkridge, PE8 7SU', 'admin@bourneboats.co.uk'

);

INSERT INTO supplier (supplierID, manufName, manufNum, manufAdd, manufEmail)

VALUES (

9, 'Stoke on Trent Boat Building Co Ltd', '01782813831', 'Longport Wharf Station Street, Stoke-on-Trent, ST6 9GU', 'admin@stokeboats.co.uk'

);

INSERT INTO supplier (supplierID, manufName, manufNum, manufAdd, manufEmail)

VALUES (

10, 'MGM Boats Narrowboat Builders', '01162640009', '27 Mill Lane, Leicester, LE6 9FY', 'admin@mgmboats.co.uk'

);

##REmove duplicate class dsizes, do the price insertss for class sizes before first insert statements -- use classsize pk for unique values / [price table for full and half day -- use current class size inserts as a new value (not a pk)

COMMIT;