## 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 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(64),

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,

boatType VARCHAR(32),

reservationCards VARCHAR(32),

lastService 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 classSize (

boatClassSize VARCHAR(32),

PRIMARY KEY (boatClassSize),

price INT,

boatType VARCHAR(32),

FOREIGN KEY (boatType) REFERENCES boat(boatType),

CONSTRAINT ck\_class\_size CHECK (boatType IN ('Sml\_SBoat','Std\_SBoat',

'Lrg\_SBoat', 'VLrg\_SBoat',' Sml\_MBoat', 'Std\_MBoat', 'Lrg\_MBoat',

'VLrg\_MBoat', 'Sml\_RBoat', 'Std\_RBoat', 'Lrg\_RBoat', 'VLrg\_RBoat'))

);

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, boatType, lastService)

VALUES (

1, 'Explorer', 1, '22-Nov-10', 3910, 'Std\_MBoat', '22-oct-20'

);

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

VALUES (

2, 'TurboSail ', 2, '12-Oct-09', 840, 'VLrg\_SBoat', '8-Oct-19'

);

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

VALUES (

3, 'MasterSail ', 2, '12-Oct-15', 3240, 'Lrg\_SBoat', '12-Oct-20'

);

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

VALUES (

4, 'SmallSailor', 3, '12-Nov-15', 2040, 'Sml\_SBoat', '14-Oct-20'

);

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

VALUES (

5, 'SmallSailor', 3, '12-Nov-15', 2040, 'Sml\_SBoat', '13-Oct-20'

);

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

VALUES (

6, 'Grande', 5, '14-Jan-15', 5440, 'Lrg\_MBoat', '15-Oct-20'

);

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

VALUES (

7, 'Grande', 5, '14-Jan-15', 5440, 'Lrg\_MBoat', '13-Sep-20'

);

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

VALUES (

8, 'Turbo Mid ', 2, '14-Jan-15', 5440, 'Std\_MBoat', '13-Sep-20'

);

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

VALUES (

9, 'RowStream', 3, '12-Jan-15', 440, 'Lrg\_RBoat', '10-Aug-20'

);

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

VALUES (

10, 'RowerX', 4, '12-Jan-15', 320, 'Std\_RBoat', '22-Sep-20'

);

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

VALUES (

11, 'Explorer', 1, '10-Jan-16', 3320, 'Lrg\_SBoat', '3-Mar-20'

);

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

VALUES (

12, 'Navigator', 1, '10-Jan-16', 3320, 'Std\_SBoat', '3-Apr-20'

);

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

VALUES (

13, 'Turbo Mid', 2, '14-Feb-18', 4440, 'Std\_MBoat', '14-Sep-20'

);

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

VALUES (

14, 'Turbo Mid', 2, '14-Feb-18', 4440, 'Std\_MBoat', '13-Sep-20'

);

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

VALUES (

15, 'MasterBlaster', 7, '14-Jan-18', 5440, 'Lrg\_MBoat', '14-Oct-19'

);

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

VALUES (

16, 'HappyRower', 8, '10-Jan-18', 340, 'Lrg\_RBoat', '2-oct-20'

);

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

VALUES (

17, 'HappyRower', 8, '10-Jan-18', 340, 'Sml\_RBoat', '2-oct-20'

);

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

VALUES (

18, 'Streamer', 3, '9-Jan-17', 640, 'VLrg\_RBoat', '7-oct-20'

);

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

VALUES (

19, 'Great Row', 4, '19-Jan-19', 650, 'VLrg\_RBoat', '12-Sep-20'

);

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

VALUES (

20, 'SuperBlaster', 7, '14-Jan-18', 7440, 'VLrg\_MBoat', '7-Aug-20'

);

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

VALUES (

21, 'Lizard', 6, '9-Jan-17', 340, 'Std\_RBoat', '4-Oct-20'

);

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

VALUES (

22, 'Grande', 5, '14-Feb-18', 5440, 'Lrg\_MBoat', '13-Sep-20'

);

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

VALUES (

23, 'MasterSail', 2, '12-Oct-15', 3240, 'Lrg\_SBoat', '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 [price table for full and half day -- use current class size inserts as a new value (not a pk)

COMMIT;