# Task P8.1.1

CREATE TABLE Purchase(

purchaseID INT UNSIGNED NOT NULL AUTO\_INCREMENT,

custName VARCHAR(30) NOT NULL,

orderedDate DATE NOT NULL,

shipDate DATE,

PRIMARY KEY(purchaseID)

); CREATE TABLE PurchasedItem(

purchaseID INT UNSIGNED NOT NULL,

itemNo INT UNSIGNED NOT NULL,

productName VARCHAR(30) NOT NULL,

orderedQty TINYINT UNSIGNED NOT NULL,

quotedPrice DECIMAL(5, 2) NOT NULL,

PRIMARY KEY(purchaseID, itemNo),

FOREIGN KEY(purchaseID) REFERENCES Purchase(purchaseID)

); SET

AUTOCOMMIT = FALSE;

**\*\* To add value in child table of a parent table linked with foreign key relationship it is necessary to have conrrosponding entry in parent table.**

**In this context, to add row in PurchasedItem it is necessary to have corresponding row in Purchase table which is the parent table of PurchasedItem linked with foreign-key relation.**

INSERT INTO Purchase(

purchaseID,

custName, orderedDate

)

VALUES(111,'someName', "2020-09-26");

INSERT INTO PurchasedItem(

purchaseID,

itemNo,

productName,

orderedQty,

quotedPrice

)

VALUES(111, 1, 'Lawn mower', 3, 105.30);

