DB tables for auto-parts:

|  |  |
| --- | --- |
| inventory (Inventory of Parts) | |
| number\* (from legacy database) | Int(11) |
| description | varchar(50) |
| quantity | Int(11) |

Create table statement:

CREATE TABLE auto-parts.inventory ( number INT(11) NOT NULL COMMENT 'corresponds with number in parts table.' , `description` [VARCHAR](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/string-types.html)(50) [CHARACTER](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/charset.html) [SET](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/charset.html) latin1 [COLLATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/charset-collations.html) latin1\_swedish\_ci NULL [DEFAULT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/miscellaneous-functions.html#function_default) NULL COMMENT 'parts can be recognized by their part number or description.', quantity INT(11) NULL DEFAULT NULL , PRIMARY KEY (number)) ENGINE = InnoDB COMMENT = 'For storing the quantity of each ';

Insert statement:

INSERT INTO inventory (number, description, quantity) VALUES (1, 'windshield w/ polymer', 15);

|  |  |
| --- | --- |
| customerorder | |
| authNum(with hyphens removed) | Int(5) |
| name | varchar(50) |
| email | varchar(50) |
| shippingAddress | varchar(50) |
| orderStatus | varchar(1) (y or n) |

Creation statements:

CREATE TABLE `auto-parts`.`customerorder` (`authNum` [INT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/numeric-types.html)(5) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html#operator_not) NULL COMMENT 'passed from customer facing interface after credit card authorization.' , `name` VARCHAR(50) CHARACTER SET latin1 COLLATE latin1\_swedish\_ci NULL DEFAULT NULL , `email` VARCHAR(50) CHARACTER SET latin1 COLLATE latin1\_swedish\_ci NULL DEFAULT NULL , `shippingAddress` VARCHAR(50) CHARACTER SET latin1 COLLATE latin1\_swedish\_ci NULL DEFAULT NULL , `orderStatus` [VARCHAR](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/string-types.html)(1) [CHARACTER](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/charset.html) [SET](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/charset.html) latin1 [COLLATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/charset-collations.html) latin1\_swedish\_ci NULL [DEFAULT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/miscellaneous-functions.html#function_default) NULL, PRIMARY KEY (`authNum`)) ENGINE = InnoDB;

Insert statement:

INSERT INTO customerorder (authNum, name, email, shippingAddress, orderStatus) VALUES (12345, 'Bleu the Test', 'me@gmail.com', '123 street', 'n');

|  |  |
| --- | --- |
| Parts ordered | |
| number\* (from parts table) | Int(11) |
| authNum\* (from customer orders) | Int(5) |
| quantity | Int(11) |

Creation statement:

CREATE TABLE `auto-parts`.`partsordered` ( `number` INT(11) NOT NULL COMMENT 'Part number from legacy database. Reference from parts table.' , `authNum` INT(5) NOT NULL COMMENT 'passed from customer facing interface after credit card authorization.' , `quant` INT NULL DEFAULT NULL , PRIMARY KEY (`number`, `authNum`), FOREIGN KEY (`number`) REFERENCES inventory(`number`), FOREIGN KEY (`authNum`) REFERENCES customerorder(`authNum`)) ENGINE = InnoDB;

Insert statement:

INSERT INTO partsordered (number, authNum, quant) VALUES (1, 12345, 15);