Creating a Table with Constraints

CREATE TABLE Syntax

CREATE [TEMPORARY] TABLE [IF NOT EXISTS] tbl_name
(create_definition,...) [table_options]
[partition_options]

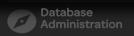
Creating Tables

Column information for customers table:

- cust id INT PRIMARY KEY AUTO INCREMENT
- username VARCHAR(50) NOT NULL UNIQUE
- first_name VARCHAR(50)
- last_name VARCHAR (50)
- phone_number VARCHAR(25)

Column information for products table:

- product_id INT PRIMARY KEY AUTO_INCREMENT
- product_type VARCHAR(255) NOT NULL UNIQUE
- price DECIMAL (10,2)



Creating a Table with Constraints

Creating Tables (cont.)

Column information for orders table:

- order_id INT PRIMARY KEY AUTO_INCREMENT
- cust_id INT FOREIGN KEY REFERENCES customers(cust_id)
- product_type VARCHAR(255) NOT NULL FOREIGN KEY REFERENCES products (product_type)
- quantity INT DEFAULT 1
- order_date DATE

Create a New Tab Based on an Existing Table

Using the CREATE TABLE ... SELECT syntax:
mysql> CREATE TABLE new_tbl [AS] SELECT * FROM
orig_tbl;

Using the CREATE TABLE ... LIKE syntax: mysql> CREATE TABLE new_tbl LIKE orig_tbl;

