**Dibujo con letras blancas

Descripción generada automáticamente con confianza media**

**UPA**

**Universidad Politécnica de Aguascalientes.**

**ISC06B**

**DATA BASE ADMINISTRATION**

# DP 12-1 PRACTICE

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**Database Programming with SQL**

**12-1: INSERT Statements**

**Practice Activities**

**Objectives**

* Give examples of why it is important to be able to alter the data in a database
* Construct and execute INSERT statements that insert a single row using a VALUES clause
* Construct and execute INSERT statements that use special values, null values, and date values
* Construct and execute INSERT statements that copy rows from one table to another using a subquery

**Vocabulary**

Identify the vocabulary word for each definition below.

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| USER | Someone doing “real work” with the computer, using it as a means rather than an end |
| Transaction | Consists of a collection of DML statements that form a logical unit of work. |
| Explicit | Fully and clearly expressed; leaving nothing implied |
| INSERT INTO | Adds a new row to a table |

**Try It / Solve It**

1. Give two examples of why it is important to be able to alter the data in a database

* Makes it easy to add and modify data in a database with a massive amount of data.
* Gives the possibility to empty a massive amount of data between tables.

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| Problem No: 2 | No. Rows in Result: |
| 2. DJs on Demand just purchased four new CDs. Use an explicit INSERT statement to add each CD to the copy\_d\_cds table. After completing the entries, execute a SELECT \* statement to verify your work | 12 |
| Text Code (No image) : | |
| --Create a copy:  CREATE TABLE copy\_d\_cds  as  SELECT \* FROM D\_CDS;  --Inserts  INSERT INTO copy\_d\_cds  (cd\_number, title, producer, year)  VALUES (97,'Celebrate the Day', 'R and B Inc.',2003);  INSERT INTO copy\_d\_cds  (cd\_number, title, producer, year)  VALUES (98,'Holiday Tunes for All Ages', 'Tunes are Us',2004);  INSERT INTO copy\_d\_cds  (cd\_number, title, producer, year)  VALUES (99,'Party Music', 'Old Town Records',2004);  INSERT INTO copy\_d\_cds  (cd\_number, title, producer, year)  VALUES (100,'Best of Rock and Roll', 'Old Town Records',2004); | |
| Image Result: | |
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| Problem No: 3 | No. Rows in Result: |
| 3. DJs on Demand has two new events coming up. One event is a fall football party and the other event is a sixties theme party. The DJs on Demand clients requested the songs shown in the table for their events. Add these songs to the copy\_d\_songs table using an implicit INSERT statement | 8 |
| Text Code (No image) : | |
| -- Create a copy:  CREATE TABLE copy\_d\_songs  as  SELECT \* FROM d\_songs;  --Inserts  INSERT INTO copy\_d\_songs  VALUES (52,'Surfing Summer', 'Not known',NULL, 12);  INSERT INTO copy\_d\_songs  VALUES (53,'Victory Victory', '5 min',NULL, 12); | |
| Image Result: | |
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| Problem No: 4 | No. Rows in Result: |
| 4. Add the two new clients to the copy\_d\_clients table. Use either an implicit or an explicit INSERT | 5 |
| Text Code (No image) : | |
| -- Create a copy:  CREATE TABLE copy\_d\_clients  as  SELECT \* FROM d\_clients;  --Inserts  INSERT INTO copy\_d\_clients  VALUES (6655,'Ayako', 'Dahish',3608859030, 'dahisha@harbor.net');  INSERT INTO copy\_d\_clients  VALUES (6689,'Nick', 'Neuville',9048953049, 'nnicky@charter.net'); | |
| Image Result: | |
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| Problem No: 5 | No. Rows in Result: |
| 5. Add the new client’s events to the copy\_d\_events table. The cost of each event has not been determined at this date | 4 |
| Text Code (No image) : | |
| -- Create a copy:  CREATE TABLE copy\_d\_events  as  SELECT \* FROM d\_events;  --Inserts  INSERT INTO copy\_d\_events (ID, name, event\_date, description,cost, venue\_id, package\_code, theme\_code, client\_number)  VALUES (110, 'Ayako Anniversary', to\_date('07-Jul-2004','dd-mm-yyyy'),'Party for 50, sixties dress, decorations',0, 245, 79, 240, 6655);  INSERT INTO copy\_d\_events (ID, name, event\_date, description,cost, venue\_id, package\_code, theme\_code, client\_number)  VALUES (115, 'Neuville Sports Banquet', to\_date('09-Sep-2004','dd-mm-yyyy'),'Barbecue at residence, college alumni, 100 people',0, 315, 87, 340, 6689); | |
| Image Result: | |
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| Problem No: 6 | No. Rows in Result: |
| 6. Create a table called rep\_email using the following statement: | 4 |
| Text Code (No image) : | |
| -- Create table:  CREATE TABLE rep\_email (  id NUMBER(3) CONSTRAINT rel\_id\_pk PRIMARY KEY,  first\_name VARCHAR2(10),  last\_name VARCHAR2(10),  email\_address VARCHAR2(10));  -- INSERT  INSERT INTO rep\_email(id, first\_name, last\_name, email\_address)  SELECT employee\_id, first\_name, last\_name, email  FROM employees  WHERE job\_id LIKE '%REP%'; | |
| Image Result: | |
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