12-1: INSERT Statements

**Vocabulary**

Someone doing “real work” with the computer, using it as a means rather than an end - User

Consists of a collection of DML statements that form a logical unit of work. - transaction

Fully and clearly expressed; leaving nothing implied - explicit

Adds a new row to a table – INSERT INTO

**Try it / Solve it**

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

- например, сайт ВКонтакте, на котором каждый день регистрируются новые пользователи, если изменять базу данных пользователей будет нельзя, то новые пользователи добавлены не будут и войти на сайт новым пользователем будет невозможно, кроме того существующие пользователи не смогут менять пароль, не смогут обновлять фотографии профиля, не будут сохраняться и отправляться новые сообщения, то есть сайт фактически умрет.

- люди каждый день совершают новые преступления, поэтому база данных МВД ежедневно обновляется, а если нельзя будет добавлять новых пользователей и изменять судимость существующих, то будут БООООЛЬШИЕ проблемы

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.

CD\_Number Title Producer Year

97 Celebrate the Day R & B Inc. 2003

98 Holiday Tunes for All Ages Tunes are Us 2004

99 Party Music Old Town Records 2004

1. st of Rock and Roll Old Town Records 2004

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1. 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.

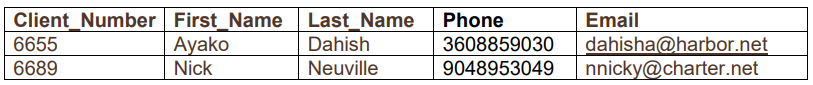
Table

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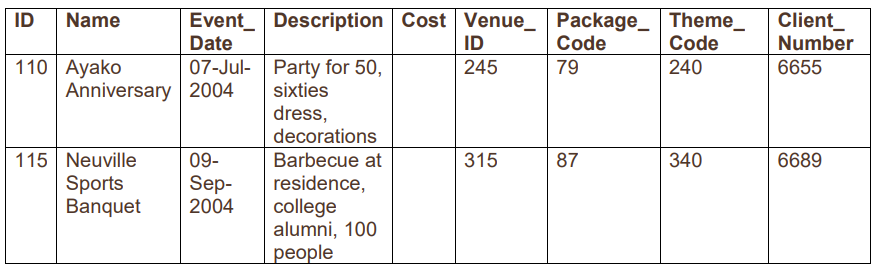
Description automatically generated with medium confidence4. Add the two new clients to the copy\_d\_clients table. Use either an implicit or an explicit INSERT.



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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.

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Description automatically generated with medium confidence6. Create a table called rep\_email using the following statement: 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)) A screenshot of a computer

Description automatically generated with medium confidencePopulate this table by running a query on the employees table that includes only those employees who are REP’s. A screenshot of a computer

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