

Database Design Project

Oracle Baseball League Store Database

Project Scenario:

You are a small consulting company specializing in database development. You have just been awarded the contract to develop a data model for a database application system for a small retail store called Oracle Baseball League (OBL).

The Oracle Baseball League store serves the entire surrounding community selling baseball kit. The OBL has two types of customer, there are individuals who purchase items like balls, cleats, gloves, shirts, screen printed t-shirts, and shorts. Additionally customers can represent a team when they purchase uniforms and equipment on behalf of the team.

Teams and individual customers are free to purchase any item from the inventory list, but teams get a discount on the list price depending on the number of players. When a customer places an order we record the order items for that order in our database.

OBL has a team of three sales representatives that officially only call on teams but have been known to handle individual customer complaints.

Section 6 Lesson 6 Exercise 1: Retrieving Data Using SELECT

Write and Execute SELECT statements (S6L6 Objective 2)

In this exercise you will retrieve data that is stored in the database system by using a SELECT statement.

Part 1: Retrieving all columns from a table.

Using the SELECT * statement show all data stored in the following tables:

- 1. customers.
- 2. teams.
- 3. items

Part 2: Selecting Specific Columns

- 1. Display the customer number, first name, last name, email and phone number of the customers.
- 2. Display the name and number of players for each team.
- 3. Display the name, description and category for every item in the table.

1 c00001 bob.thornberry@heatmail.com Robert Thornberry 01234567898 150 sr01 t001 (null) 2 c00012 Jones@freemail.com Jennifer Jones 01505214598 0 (null) (null) 1c1015 3 c00101 unknown@here.com John Doe 03216547808 987.5 sr01 t002 (null) 4 c00103 MurciaAB@jobaltech.com Andrew Murcia 07715246890 85 (null) (null) 1c2341 5 c01986 margal87@delphiview.com Maria Galant 01442736589 125.65 sr03 t003 (null) 6 c02001 brianrog@hootech,com Brian Rogers 01654564898 50 (null) (null) 1c4587 SFLECT FROM †24 MS; DISCOUNT 1 t001 Rockets 25 10 2 t002 Celtics 42 20 3 t003 Rovers 8 (null) 4 t004 Jets 10 5 SFLECT FROM (†ems;)	1 c00001 bob.thornberry@heatmail.com Robert Thornberry 01234567898 150 sr01 t001 (null) 2 c00012				FROM		stomer		ΔF	TRST NAME	ALAST NAME	A PHONE N	IMBER	A CURREN	NT BALANCE	A SRE ID	A TEM ID	ALOYALTY CA	ARD NUMBER
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♦ PHONE_NUMBER

01442736589

01654564898

margal87@delphiview.com

brianrog@hootech,com

SELECT first-name, last-name, email, phone-number FROM Oustomers;

A CTR NUMBER A FIRST NAME A LAST NAME A EMAIL

	A =	A	A	V	A
1	c00001	Robert	Thornberry	bob.thornberry@heatmail.com	01234567898
2	c00012	Jennifer	Jones	Jjones@freemail.com	01505214598
3	c00101	John	Doe	unknown@here.com	03216547808
4	c00103	Andrew	Murcia	MurciaA@globaltech.com	07715246890

Galant

Rogers

2.	SELECT	name	numbers	of_players
- L	251571	nnnu	numners	AL DIGUETS

Maria

Brian

5 c01986

6 c02001

FROM teame:

,	10 41419	,			
					-
4	NAME	S NUMBER	OF	PLAYERS	

	NAME	NUMBER_OF_PLAYERS
1	Rockets	25
2	Celtics	42

3 Rovers

4 Jets

20	
42	
8	
10	

