

RDB Practice Lab 1: Learn how to Create Tables

Imgard Ekokobe

Overview

You will learn how to:

- Creating new tables.
- Verifying that the tables exist.
- Dropping tables.

1. Create the `DEPT` table based on the following table instance chart. Save the statement in a script called `dept.sql`, and then execute the statement in the script to create the table. Confirm that the table is created.

Column Name	ID	NAME
Key Type	Primary key	
Nulls/Unique		
FK Table		
FK Column		
Data type	NUMBER	VARCHAR2
Length	7	25

2. Create the `EMP` table based on the following table instance chart. Save the statement in a script called `emp.sql`, and then execute the statement in the script to create the table. Confirm that the table is created.

Column Name	ID	LAST_NAME	FIRST_NAME	DEPT_ID
Key Type				
Nulls/Unique				
FK Table				DEPT
FK Column				ID
Data type	NUMBER	VARCHAR2	VARCHAR2	NUMBER
Length	7	25	25	7

3. Create the `AUTHOR` table based on the following table instance chart. Save the statement in a script called `author.sql`, and then execute the statement in the script to create the table. Confirm that the table is created.

Column Name	Author_ID	AUTHOR_FNNAME	AUTHOR_LNAME
Key Type	Primary key		
Nulls/Unique			
FK Table			
FK Column			
Data type	VARCHAR2	VARCHAR2	VARCHAR2
Length	10	25	25

4. Create the `BOOKS` table based on the following table instance chart. Save the statement in a script called `books.sql`, and then execute the statement in the script to create the table. Confirm that the table is created.

Column Name	Book_ID	BOOK_NAME	Author_ID	Publisher_ID
Key Type	Primary key			
Nulls/Unique				
FK Table				AUTHOR, PUBLISHER
FK Column				Author_ID, Publisher_ID
Data type	VARCHAR2	VARCHAR2	VARCHAR2	VARCHAR2
Length	10	50	10	10

5. Create the `PUBLISHER` table based on the following table instance chart. Save the statement in a script called `pub.sql`, and then execute the statement in the script to create the table. Confirm that the table is created.

Column Name	PUBLISHER_ID	PUB_LNAME	PUB_FNAME
Key Type	Primary key		
Nulls/Unique			
FK Table			
FK Column			
Data type	VARCHAR2	VARCHAR2	VARCHAR2
Length	10	50	50