

## Lab 7

1. Create a new user account. The account name should be a combination of your first initial and your last name.

Rows	10	Clear Command	Find Tables	Save	Run
<pre>create user bdiegel identified by sql123</pre>					
<div>Results   Explain   Describe   Saved SQL   History</div>					

ORA-01031: insufficient privileges

0.01 seconds

us\_b672\_sql\_s06   us\_b672\_sql\_s06   en

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Application Express 5.0.3.00.03

2. Attempt to log in to Oracle with the newly created account.

3. Assign privileges to the new account that allow connecting to the database, creating new tables, and altering an existing table.

Rows	10	Clear Command	Find Tables	Save	Run
<pre>grant create session to bdiegel</pre>					
<div>Results   Explain   Describe   Saved SQL   History</div>					

ORA-01031: insufficient privileges

0.00 seconds

us\_b672\_sql\_s06   us\_b672\_sql\_s06   en

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4. Using an account with the required privileges, create a role named CUSTOMERREP that allows inserting new rows in the ORDERS and ORDERITEMS tables and deleting rows from these tables.

Rows10

Clear CommandFind Tables

SaveRun

```
CREATE ROLE customerrep;  
GRANT INSERT, DELETE ON orders TO customerrep;  
GRANT INSERT, DELETE ON orderitems TO customerrep;
```

Results

ExplainDescribeSaved SQLHistory

ORA-00911: invalid character

0.00 seconds

us\_b672\_sql\_s06 us\_b672\_sql\_s06 en

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5. Assign the account created in Assignment 1 the CUSTOMERREP role.

Rows10

Clear CommandFind Tables

SaveRun

```
GRANT customerrep TO bdiegel
```

Results

ExplainDescribeSaved SQLHistory

ORA-01031: insufficient privileges

0.06 seconds

us\_b672\_sql\_s06 us\_b672\_sql\_s06 en

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6.Log in to Oracle with the new account created in Assignment 1. Determine the privileges currently available to the account.

Rows10

Clear CommandFind Tables

SaveRun

SELECT \* FROM session\_privs

Results

ExplainDescribeSaved SQLHistory

PRIVILEGE

CREATE TABLE

CREATE SYNONYM

CREATE VIEW

CREATE SEQUENCE

CREATE PROCEDURE

CREATE TRIGGER

CREATE TYPE

us\_b672\_sql\_s06us\_b672\_sql\_s06en

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7.Revoke the privilege to delete rows in the ORDERS and ORDERITEMS tables from the CUSTOMERREP role.

Rows10

Clear CommandFind Tables

SaveRun

REVOKE INSERT, DELETE FROM customerrep

Results

ExplainDescribeSaved SQLHistory

ORA-01031: insufficient privileges

0.01 seconds

## 8.Remove the CUSTOMERREP role from the account created in Assignment 1.

Rows  Clear Command Find Tables Save Run

REVOKE customerrep FROM bdiegel

**Results** Explain Describe Saved SQL History

ORA-01031: insufficient privileges

0.01 seconds

## 9.Delete the CUSTOMERREP role from the Oracle 12c database.

Rows  Clear Command Find Tables Save Run

DROP ROLE customerrep

**Results** Explain Describe Saved SQL History

ORA-01924: role 'CUSTOMERREP' not granted or does not exist

0.01 seconds

10. Delete the user account created in Assignment 1

Rows10

Clear CommandFind Tables

SaveRun

DROP USER bdiege1

1

ResultsExplainDescribeSaved SQLHistory

ORA-01031: insufficient privileges

0.01 seconds