✓ **Congratulations! You passed!**
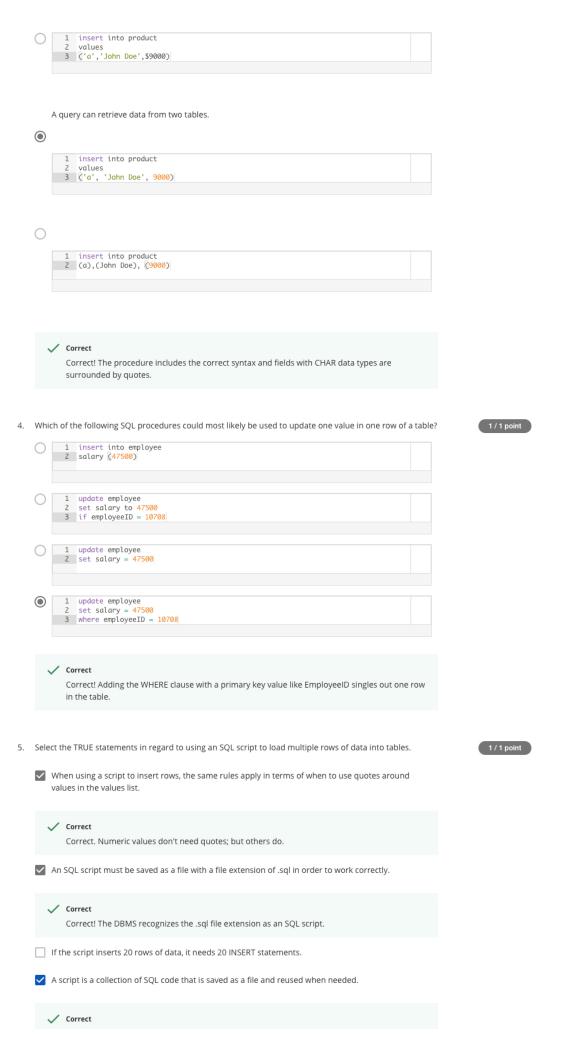TO PASS 80% or higher

Keep Learning

GRADE
100%

Graded Quiz: Test your Project understanding

LATEST SUBMISSION GRADE

100%

1. What should you know about a table in order to write the SQL INSERT statement to insert a new row?

   `1 / 1 point`

   ☑ The order of the fields in each row

   > ✓ **Correct**
   > Correct! In the values list in the INSERT statement, the values must be in the same order as the fields are in the row.

   ☐ The names of the fields

   ☑ The data type of each field

   > ✓ **Correct**
   > Correct! You'll need to add quotes around values that are not numeric.

   ☑ The number of fields in the row

   > ✓ **Correct**
   > Correct! You must have one value in the values list for each of the fields in the row.

2. When adding a new row to a relational table with SQL code, which of the following statements are TRUE of the INSERT command?

   `1 / 1 point`

   ☐ You can insert up to five rows with one INSERT command.

   ☑ The values in the list of values must be separated with commas.

   > ✓ **Correct**
   > Correct! The values list is inside of a set of parentheses and the values are separated by commas.

   ☐ Each numeric value in the list of values must be surrounded by quotes.

   ☑ The list of values in the INSERT command should be inside a set of parentheses.

   > ✓ **Correct**
   > Correct! The values list is inside of a set of parentheses and the values are separated by commas.

3. Which of the following SQL procedures uses the correct syntax?

   `1 / 1 point`

   ○ insert into table product

   ```
   1  insert into table product
   2  values
   3  ('a','John Doe', 9000)
   ```

○
```
1   insert into product
2   values
3   ('a','John Doe',$9000)
```

A query can retrieve data from two tables.

◉
```
1   insert into product
2   values
3   ('a', 'John Doe', 9000)
```

○
```
1   insert into product
2   (a),(John Doe), (9000)
```

✓ **Correct**

Correct! The procedure includes the correct syntax and fields with CHAR data types are surrounded by quotes.

4. Which of the following SQL procedures could most likely be used to update one value in one row of a table?   `1 / 1 point`

○
```
1   insert into employee
2   salary (47500)
```

○
```
1   update employee
2   set salary to 47500
3   if employeeID = 10708
```

○
```
1   update employee
2   set salary = 47500
```

◉
```
1   update employee
2   set salary = 47500
3   where employeeID = 10708
```

✓ **Correct**

Correct! Adding the WHERE clause with a primary key value like EmployeeID singles out one row in the table.

5. Select the TRUE statements in regard to using an SQL script to load multiple rows of data into tables.   `1 / 1 point`

☑ When using a script to insert rows, the same rules apply in terms of when to use quotes around values in the values list.

✓ **Correct**

Correct. Numeric values don't need quotes; but others do.

☑ An SQL script must be saved as a file with a file extension of .sql in order to work correctly.

✓ **Correct**

Correct! The DBMS recognizes the .sql file extension as an SQL script.

☐ If the script inserts 20 rows of data, it needs 20 INSERT statements.

☑ A script is a collection of SQL code that is saved as a file and reused when needed.

✓ **Correct**

Correct! Scripts are great for backing up data tables.

6. True or False: In a relational table, you can delete an entire row, or an entire table; but, it is not possible to delete one value in a row.

1 / 1 point

◉ TRUE.

◯ FALSE.

✓ **Correct**
Correct! You can't delete just one value in a row; but, you can update the value to zero or null.

6. True or False: In a relational table, you can delete an entire row, or an entire table; but, it is not possible to delete one value in a row.

1 / 1 point

◉ TRUE.

◯ FALSE.