# Module 4 Quiz
**LATEST SUBMISSION GRADE**

# 90%

1.Question
Which of the following are supported in SQL when dealing with strings? (Select all that apply)

**1 / 1 point**

☑

Substring

**Correct**

See the video entitled, " Working with Text Strings" for more information.

☑

Lower

**Correct**

See the video entitled, " Working with Text Strings" for more information.

☑

Concatenate

**Correct**

See the video entitled, " Working with Text Strings" for more information.

☑

Trim

**Correct**

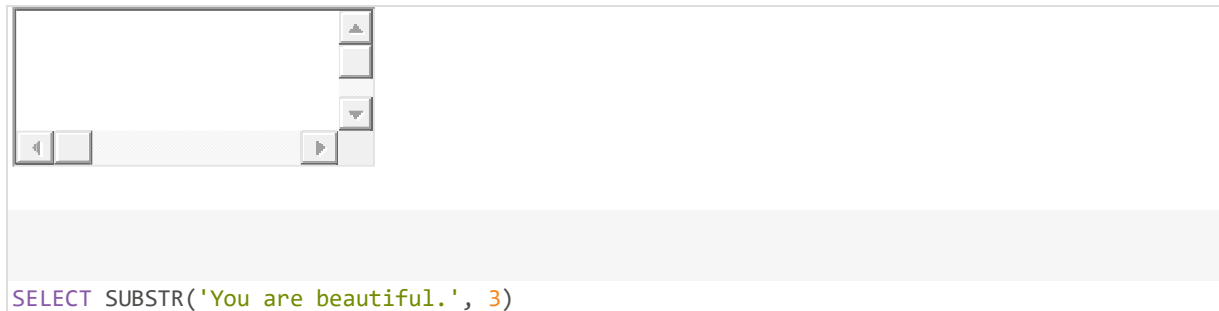See the video entitled, " Working with Text Strings" for more information.

☑

Upper

**Correct**

See the video entitled, " Working with Text Strings" for more information.

2.Question

What will the result of the following statement be?

```
SELECT SUBSTR('You are beautiful.', 3)
```

**1 / 1 point**

○

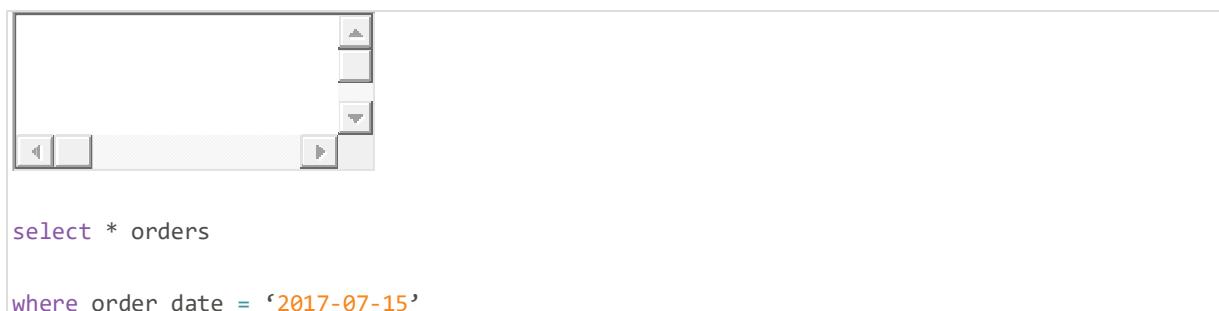This will return an error

◉

u are beautiful.

○

beautiful.

○

You are beautiful.

**Correct**

See the video entitled, "Working with Text Strings" for more information.

3.Question

What are the results of the following query?

```
select * orders
where order_date = '2017-07-15'
```

Additional information:

- Orders = integer
- Order_date = datetime

**1 / 1 point**

○

You will get all of the orders.

◉

You won't get any results.

○

You will get all the orders with an order date of 2017-07-15.

**Correct**

This query is missing a from statement, so it won't know where to pull the orders from and you'll get an error. See the videos entitled, "Working with Text Strings" and "Working with Date and Time Strings" for more information.

4.Question
Case statements can only be used for which of the following statements (select all that apply)?

**1 / 1 point**

☑

Update

**Correct**

See the video entitled, "Case Statements" for more information.

☑

Insert

**Correct**

See the video entitled, "Case Statements" for more information.

☑

Select

**Correct**

See the video entitled, "Case Statements" for more information.

☑

Delete

**Correct**

See the video entitled, "Case Statements" for more information.

5.Question
Which of the following is FALSE regarding views?

0 / 1 point

○

Views are stored in a query

◉

Views will remain after the database connection has ended

○

Views can be used to encapsulate queries

6.Question
You are only allowed to have one condition in a case statement. True or false?

1 / 1 point

○

True

◉

False

**Correct**

See the video entitled, " Case Statements" for more information.

7.Question
Select the correct SQL syntax for creating a view.

○

```
CREATE VIEW

customers AS

SELECT *

FROM customers

WHERE Name LIKE '%I'
```

○

```
CREATE VIEW AS

SELECT *

FROM customers

WHERE Name LIKE '%I'
```

○

```
INSERT VIEW customers AS

Select *

FROM customers

WHERE Name LIKE '%I'
```

8.Question
Profiling data is helpful for which of the following? (Select all that apply)

**1 / 1 point**

☐

Understanding your data - Correct

☐

Joining tables together

☐

Filter out unwanted data elements - Correct

9.Question
What is the most important step before beginning to write queries?

**1 / 1 point**

○

Deciding what should be done on the client application vs the RDMS

○

Understanding your data - Correct

○

Deciding what tables you want to join

See the 2-part video entitled, "Using SQL for Data Science" for more information.

10.Question

When debugging a query, what should you always remember to do first?

**1 / 1 point**

○

Start with the inner most query

○

Start by examining the joins

○

Make sure you didn't miss any commas.

○

Start simple and break it down first - Correct

**Correct**

See the 2-part video entitled, "Using SQL for Data Science" for more information.