1.

Question 1

The first step in establishing a connection between MySQL database and Python is to create a cursor object.

1 / 1 point

False

True

Correct

Correct! You must import the MySQL Connector/Python API to establish a connection.

2.

Question 2

Which of the following guidelines should you follow when executing SQL select statements using Python? Select all that apply.

1 / 1 point

Pass the SQL query directly to the execute module without converting it to a Python string.

Convert your SQL query to a Python string, create a variable for that string and then pass it to the execute module.

Correct

Correct! Create a Python variable for the query as a string and pass that variable to the execute module, instead of passing a long query to the execute module.

Pass the SQL query as a Python string to the cursor object.

Pass your SQL query as a Python string to the execute module.

Correct

Correct! A SQL query must be converted to a Python string and passed to the execute module to run on the MySQL database.

3.

Question 3

Which of the following SQL statements can you use to set the “little\_lemon” database for use? Select all that apply.

1 / 1 point

connection.cursor(“USE little\_lemon”)

connection.execute(“SET little\_lemon”)

cursor.execute(“USE little\_lemon”)

Correct

Correct! You can directly pass the SQL query to the execute module as a Python string.

sql\_query="USE little\_lemon" and then cursor.execute(sql\_query)

Correct

Correct! The sql\_query is a string variable that holds the query and is passed to the execute module to accomplish the task.

4.

Question 4

You need to create a table in your MySQL database using Python. Identify the set of steps you need to follow, and the order in which they must be completed, to accomplish this task.

1 / 1 point

1. Import MySQL Connector/Python API

2. Establish a connection

3. Create a database

4. Set the database for use

5. Create a cursor object and execute the query to create a table.

1. Import MySQL Connector/Python API,

2. Establish a connection,

3. Create a database,

4. Set the database for use,

5. Execute the query to create a table and create a cursor object.

1. Import MySQL Connector/Python API

2. Establish a connection

3. Create a cursor object

4. Create a database

5. Set the database for use and execute the query to create a table.

1. Import MySQL Connector/Python API

2. Create a database

3. Establish a connection

4. Create a cursor object

5. Set the database for use and execute the query to create a table.

Correct

Correct! To create a table, you must first have a connection, cursor and database before you can execute the query.

5.

Question 5

What keyword must be added in the following query for you to be able to view information about the installed package?

1

!pip \_\_\_\_\_\_ mysql-connector-python

1 / 1 point

show

Correct

Correct! Add the keyword show to view the installed package’s name, version, summary, homepage, author, license and other related information.