

Your grade: 100%

Your latest: 100% • Your highest: 100% • To pass you need at least 70%. We keep your highest score.

Next item →

1. Which API do you use to connect to a database from Python?

1 / 1 point

- ☐ REST API
- ☒ DB API
- ☐ Watson API
- ☐ Census API

✔ **Correct**
Correct. A DB API will enable you to connect to a database from Python to access and manipulate data.

2. Which of the following functions would you use to query data from a table in SQLite using Python?

1 / 1 point

- ☒ sqlite.execute()
- ☐ sqlite.query()
- ☐ sqlite.cursor()
- ☐ sqlite.connect()

✔ **Correct**
Correct. The function "sqlite.execute()" is used to execute SQL queries and statements in SQLite from Python.

3. True or false: Resources used by the db API are released automatically when the program ends. There is no need to specifically close the connection.

1 / 1 point

- ☐ True
- ☒ False

✔ **Correct**
Correct. It is important to use the close() method to close connections and avoid unused connections taking up resources.

4. Which of the following is the correct order for accessing relational databases using Python?

1 / 1 point

- ☒ connect, create and execute SQL statements, close connection.
- ☐ create, execute Python statements, connect, close connection.
- ☐ create and execute SQL statements, connect, close connection.
- ☐ create statements, connect.

✔ **Correct**
Correct.

5. Line magics: start with a single % (percent) sign and apply to a particular line in a cell.

1 / 1 point

- ☒ True.
- ☐ False

✔ **Correct**
Correct.