socrative by MasteryConnect

Name: Answer Sheet
Quiz name: Module 3: Ordering, Grouping, and Functions

Date: 07/06/2016
Score: 100%

Assume the data pictured was stored in a table named "person".

What would be the last name of the person in the first row returned by the following query:

✔ 1.

```
SELECT first_name, last_name
FROM person
ORDER BY first_name;
```

- (A) Baker
- (B) Smith
- (C) Woodard
- (D) Green
- (E) I don't know

first_name	last_name	gender	state_of_residence
Sarah	Baker	female	PA
Gary	Smith	male	PA
Alice	Woodard	female	OH
Barb	Green	female	OH
John	Smith	male	PA
Michael	Baker	male	OH

Assume the data pictured was stored in a table named "person".

What would be the first name of the person in the first row returned by the following query:

✔ 2.

```
SELECT first_name, last_name
FROM person
ORDER BY last_name, first_name;
```

- (A) Sarah
- (B) Gary
- (C) Alice
- (D) Barb
- (E) John
- (F) Michael
- (G) I don't know

first_name	last_name	gender	state_of_residence
Sarah	Baker	female	PA
Gary	Smith	male	PA
Alice	Woodard	female	OH
Barb	Green	female	OH
John	Smith	male	PA
Michael	Baker	male	OH

Assume the data pictured was stored in a table named "person".

What would be the first name of the person in the <u>second</u> row returned by the following query:

✔ 3.

```
SELECT first_name, last_name
FROM person
ORDER BY last_name DESC, first_name;
```

- (A) Sarah
- (B) Gary
- (C) Alice
- (D) Barb

first_name	last_name	gender	state_of_residence
Sarah	Baker	female	PA
Gary	Smith	male	PA
Alice	Woodard	female	OH
Barb	Green	female	OH
John	Smith	male	PA
Michael	Baker	male	OH

E John

F Michael

G I don't know

Assume the data pictured is stored in a table named "person".

How many rows would be returned by the following query:

```
SELECT last_name, count(*)
FROM person
GROUP BY last_name;
```

✔ 4.

4

first_name	last_name	gender	state_of_residence
Sarah	Baker	female	PA
Gary	Smith	male	PA
Alice	Woodard	female	OH
Barb	Green	female	OH
John	Smith	male	PA
Michael	Baker	male	OH

Assume the data pictured is stored in a table named "person".

How many rows would be returned by the following query:

```
SELECT gender, count(*)
FROM person
GROUP BY gender;
```

✔ 5.

2

first_name	last_name	gender	state_of_residence
Sarah	Baker	female	PA
Gary	Smith	male	PA
Alice	Woodard	female	OH
Barb	Green	female	OH
John	Smith	male	PA
Michael	Baker	male	OH

Assume the data pictured is stored in a table named "person".

How many rows would be returned by the following query:

```
SELECT state_of_residence, gender, count(*)
FROM person
GROUP BY state_of_residence, gender;
```

✔ 6.

4

first_name	last_name	gender	state_of_residence
Sarah	Baker	female	PA
Gary	Smith	male	PA
Alice	Woodard	female	OH
Barb	Green	female	OH
John	Smith	male	PA
Michael	Baker	male	OH

Assume the data pictured is stored in a table named "person".

What would be the value of the person_count field returned by the following query:

```
SELECT count(*) AS person_count
FROM person
WHERE last_name = 'Smith';
```

✔ 7.

2

first_name	last_name	gender	state_of_residence
Sarah	Baker	female	PA
Gary	Smith	male	PA
Alice	Woodard	female	OH
Barb	Green	female	OH
John	Smith	male	PA
Michael	Baker	male	OH

Assume the data pictured is stored in a table named "person".

What would be the value of the person_count field of the first row returned by the following query:

```
SELECT state_of_residence, gender, count(*) AS person_count
FROM person
GROUP BY state_of_residence, gender
ORDER BY state_of_residence DESC, gender
```

✔ 8.

1

first_name	last_name	gender	state_of_residence
Sarah	Baker	female	PA
Gary	Smith	male	PA
Alice	Woodard	female	OH
Barb	Green	female	OH
John	Smith	male	PA
Michael	Baker	male	OH