

Queries

Step 1: Review Tables

1. What is a table and what is in the Event table?

A table is a way to organize information and an event table is a table that displays data for a specific entity.

2. What is in each ROW of the Event table>

Specific/separate events are in each row.

3. What is in each COLUMN of the Event table>

Attributes are in each column of an event table.

4. Why does each Event have an id? (hint: why do YOU have an id?)

So that the information accompanying the id can be tracked and properly organized.

Step 1: Practice Querying

Your SQL zoo screen shots

Introducing the `world` table of countries

1. 🤔

The example uses a WHERE clause to show the population of 'France'. Note that strings (pieces of text that are data) should be in 'single quotes';

Modify it to show the population of Germany

```
SELECT population FROM world
WHERE name = 'Germany'
```

Correct answer

| |
|------------|
| population |
| 80716000 |

Just the right size

3.



Which countries are not too small and not too big?

`BETWEEN` allows range checking (range specified is inclusive of boundary values). The example below shows countries with an area of 250,000-300,000 sq. km. Modify it to show the country and the area for countries with an area between 200,000 and 250,000.

```
SELECT name, area FROM world
WHERE area BETWEEN 200000 AND 250000
```

Submit SQL

Restore default

Correct answer

| name | area |
|----------------|--------|
| Belarus | 207600 |
| Ghana | 238533 |
| Guinea | 245857 |
| Guyana | 214969 |
| Laos | 236800 |
| Romania | 238391 |
| Uganda | 241550 |
| United Kingdom | 242900 |