

✔ Congratulations! You passed!

Grade received **100%** To pass 80% or higher[Go to next item](#)

Test your knowledge on sorting in SQL

Total points 3

1. A data analyst wants to sort a list of greenhouse shrubs by price from least expensive to most expensive. Which statement should they use?

1 / 1 point

- ☐ ORDER BY shrub_price DESC
- ☐ WHERE shrub_price ASC
- ☐ WHERE shrub_price
- ☒ ORDER BY shrub_price

✔ Correct

To sort a list of greenhouse shrubs by price from least expensive to most expensive, they should use ORDER BY shrub_price.

2. You are working with a database table that contains data about music genres. You want to sort the genres by name in ascending order. The genres are listed in the *genre_name* column.

1 / 1 point

You write the SQL query below. Add an ORDER BY clause that will sort the genres by name in ascending order.

```
1 SELECT
2 *
3 FROM
4 genre
5 ORDER BY
6     genre_name
7 ASC
```

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genre_id	genre_name
23	Alternative
4	Alternative & Punk
6	Blues
11	Bossa Nova
24	Classical
22	Comedy
21	Drama
12	Easy Listening
15	Electronica/Dance
13	Heavy Metal
17	Hip Hop/Rap
2	Jazz
7	Latin
3	Metal
25	Opera
9	Pop
14	R&B/Soul
8	Reggae
1	Rock

5	Rock And Roll
20	Sci Fi & Fantasy
18	Science Fiction
10	Soundtrack
19	TV Shows
16	World

What genre appears in row 3 of your query result?

- ☐ Alternative
- ☐ Classical
- ☒ Blues
- ☐ Easy Listening

✓ **Correct**

The clause `ORDER BY genre_name` will sort the genres by name in ascending order. The complete query is `SELECT * FROM genre ORDER BY genre_name`. The `ORDER BY` clause tells the database how to organize the data it returns. The `ORDER BY` clause sorts data in ascending order by default.

The Blues genre appears in row 3 of your query result.

3. You are working with a database table that contains employee data. You want to sort the employees by hire date in descending order. The hire dates are listed in the *hire_date* column.

1 / 1 point

You write the SQL query below. Add an `ORDER BY` clause that will sort the employees by hire date in descending order.

```

1  SELECT
2  first_name, last_name
3  FROM
4  employee
5  ORDER BY
6  hire_date
7  DESC

```

Run

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first_name	last_name
Laura	Callahan
Robert	King
Steve	Johnson
Michael	Mitchell
Margaret	Park
Andrew	Adams
Nancy	Edwards
Jane	Peacock

What employee appears in row 1 of your query result?

- ☒ Laura Callahan
- ☐ Margaret Park



Robert King



Nancy Edwards



Correct

The clause `ORDER BY hire_date DESC` will sort the employees by hire date in descending order. The complete query is `SELECT * FROM employee ORDER BY hire_date DESC`. The `ORDER BY` clause tells the database how to organize the data it returns. The `ORDER BY` clause sorts data in ascending order by default. The `DESC` command is used to sort data in descending order.

The employee Laura Callahan appears in row 1 of your query result.