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## SQL ORDER BY

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The **ORDER BY** keyword is used to sort the result.

### Sort the Rows

The ORDER BY clause is used to sort the rows.

#### Orders:

Company	OrderNumber
Sega	3412
ABC Shop	5678
W3Schools	2312
W3Schools	6798

#### Example

To display the companies in alphabetical order:

```
SELECT Company, OrderNumber FROM Orders
ORDER BY Company
```

#### Result:

Company	OrderNumber
ABC Shop	5678
Sega	3412
W3Schools	6798
W3Schools	2312

#### Example

To display the companies in alphabetical order AND the ordernumbers in numerical order:

```
SELECT Company, OrderNumber FROM Orders
ORDER BY Company, OrderNumber
```

#### Result:

Company	OrderNumber
ABC Shop	5678
Sega	3412
W3Schools	2312
W3Schools	6798

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## Example

To display the companies in reverse alphabetical order:

```
SELECT Company, OrderNumber FROM Orders
ORDER BY Company DESC
```

### Result:

Company	OrderNumber
W3Schools	6798
W3Schools	2312
Sega	3412
ABC Shop	5678

## Example

To display the companies in reverse alphabetical order AND the ordernumbers in numerical order:

```
SELECT Company, OrderNumber FROM Orders
ORDER BY Company DESC, OrderNumber ASC
```

### Result:

Company	OrderNumber
W3Schools	2312
W3Schools	6798
Sega	3412
ABC Shop	5678

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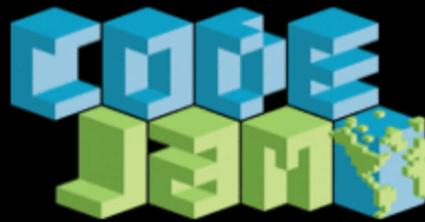
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