

Database Testing

Database name: Students

Tables :

- personal_info
- University

personal_info table data:

✓ Showing rows 0 - 9 (10 total, Query took 0.0002 seconds.)

```
SELECT * FROM `personal_info`
```

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☐ Show all | Number of rows: 25 Filter rows:

Extra options

studentID	studentName	city	salary
101	Bob	Berlin	20000
102	Mary	Mexico	50000
103	Casey	Berlin	29000
104	Maria	London	50000
105	Jane	Berlin	35000
106	Jack	Mexico	60000
107	Mili	London	45000
108	Sam	Bern	20000
109	Kane	Bern	30000
110	Mark	Mexico	70000

☐ Show all | Number of rows: 25 Filter rows:

University table data:

✓ Showing rows 0 - 9 (10 total, Query took 0.0002 seconds.)

```
SELECT * FROM `university`
```

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☐ Show all

Number of rows:

25 ▼

Filter rows:

Extra options

studentName	UniversityName	Grade
Bob	Oxford University	4
Janice	Yale University	4
Kane	Oxford University	4
Mary	Stanford University	3
Markle	Oxford University	3
Yobi	Stanford University	4
Isabella	Harvard University	4
Sam	Stanford University	2
Mili	Yale University	3
Hermia	Yale University	4

Inner Join:

select personal_info.studentID, university.studentName, personal_info.city **from** personal_info **inner join** university **on** personal_info.studentName=university.studentName

✓ Showing rows 0 - 4 (5 total, Query took 0.0007 seconds.)

```
select personal_info.studentID, university.studentName, personal_info.city from personal_info inner join university on personal_info.studentName=university.studentName;
```

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☐ Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

studentID	studentName	city
101	Bob	Berlin
109	Kane	Bern
102	Mary	Mexico
108	Sam	Bern
107	Mili	London

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Left Join:

select personal_info.studentID, university.studentName, personal_info.city **from** personal_info **left join** university **on** personal_info.studentName=university.studentName

✓ Showing rows 0 - 9 (10 total, Query took 0.0006 seconds.)

```
select personal_info.studentID, university.studentName, personal_info.city from personal_info left join university on personal_info.studentName=university.studentName;
```

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☐ Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

studentID	studentName	city
101	Bob	Berlin
109	Kane	Bern
102	Mary	Mexico
108	Sam	Bern
107	Mili	London
103	NULL	Berlin
104	NULL	London
105	NULL	Berlin
106	NULL	Mexico
110	NULL	Mexico

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Console

Right join:

select personal_info.studentID, university.studentName, personal_info.city **from** personal_info **right join** university **on** personal_info.studentName=university.studentName

✓ Showing rows 0 - 9 (10 total, Query took 0.0006 seconds.)

```
select personal_info.studentID, university.studentName, personal_info.city from personal_info right join university on personal_info.studentName=university.studentName;
```

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☐ Show all | Number of rows: 25 ▾ Filter rows:

Extra options

studentID	studentName	city
101	Bob	Berlin
102	Mary	Mexico
107	Mili	London
108	Sam	Bern
109	Kane	Bern
NULL	Janice	NULL
NULL	Markle	NULL
NULL	Yobi	NULL
NULL	Isabella	NULL
NULL	Hermia	NULL

☐ Show all | Number of rows: 25 ▾ Filter rows:

Outer join:

select personal_info.studentID, university.studentName, personal_info.city **from** personal_info **left join** university **on** personal_info.studentName=university.studentName
union select personal_info.studentID, university.studentName, personal_info.city **from** personal_info **right join** university **on** personal_info.studentName=university.studentName

✓ Showing rows 0 - 14 (15 total. Query took 0.0009 seconds.)

```
select personal_info.studentID, university.studentName, personal_info.city from personal_info left join university on personal_info.studentName=university.studentName
union select personal_info.studentID, university.studentName, personal_info.city from personal_info right join university on
personal_info.studentName=university.studentName;
```

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☐ Show all | Number of rows: 25 ▾ | Filter rows:

Extra options

studentID	studentName	city
101	Bob	Berlin
109	Kane	Bern
102	Mary	Mexico
108	Sam	Bern
107	Mili	London
103	NULL	Berlin
104	NULL	London
105	NULL	Berlin
106	NULL	Mexico
110	NULL	Mexico
NULL	Janice	NULL
NULL	Markle	NULL
NULL	Yobi	NULL
NULL	Isabella	NULL
NULL	Hermia	NULL

☐ Show all | Number of rows: 25 ▾ | Filter rows:

Console