

3. Write a SQL query to get a list of unique streets from the Employee table. [Relevant table: Employee]

✓ Showing rows 0 - 5 (6 total, Query took 0.0002 seconds.)

```
SELECT DISTINCT street FROM employee;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

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

Extra options

| | street |
|-------------------------------------------|---------|
| <input type="checkbox"/> Edit Copy Delete | Spring |
| <input type="checkbox"/> Edit Copy Delete | North |
| <input type="checkbox"/> Edit Copy Delete | Main |
| <input type="checkbox"/> Edit Copy Delete | Park |
| <input type="checkbox"/> Edit Copy Delete | Putname |
| <input type="checkbox"/> Edit Copy Delete | Nassus |

↑ ☐ Check all With selected: Edit Copy Delete Export

4. Write a SQL query to list all records in the works table in descending order of company names and within a company in ascending order by employee name. [Relevant table: Works]

✓ Showing rows 0 - 7 (8 total, Query took 0.0003 seconds.) [companyName: WOOLWORTHS... - FIREBRAND...] [employeeName: HAYES... - TURNER...]

```
SELECT * FROM works ORDER BY companyName DESC, employeeName ASC;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

| | employeeName | companyName | salary |
|-------------------------------------------|--------------|-------------|--------|
| <input type="checkbox"/> Edit Copy Delete | Hayes | Woolworths | 19000 |
| <input type="checkbox"/> Edit Copy Delete | Smith | Waltons | 22000 |
| <input type="checkbox"/> Edit Copy Delete | Jones | Tweeties | 21000 |
| <input type="checkbox"/> Edit Copy Delete | Williams | Tweeties | 18000 |
| <input type="checkbox"/> Edit Copy Delete | Adams | Meyer | 22000 |
| <input type="checkbox"/> Edit Copy Delete | Curry | Meyer | 25000 |
| <input type="checkbox"/> Edit Copy Delete | Lindsay | Meyer | 9000 |
| <input type="checkbox"/> Edit Copy Delete | Turner | Firebrand | 20000 |

↑ ☐ Check all With selected: Edit Copy Delete Export

5. Write a SQL query to list name and salary of all employees who work in Meyer and sort the records in Page 3 of 5 ascending order by their incomes. [Relevant table: Works]

✓ Showing rows 0 - 2 (3 total, Query took 0.0002 seconds.) [salary: 9000... - 25000...]

```
SELECT employeeName, salary FROM works WHERE companyName = 'meyer' ORDER BY salary ASC;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

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

Extra options

| | | | | employeeName | salary |
|--------------------------|------|------|--------|--------------|--------|
| <input type="checkbox"/> | Edit | Copy | Delete | Lindsay | 9000 |
| <input type="checkbox"/> | Edit | Copy | Delete | Adams | 22000 |
| <input type="checkbox"/> | Edit | Copy | Delete | Curry | 25000 |

☐ Check all | With selected: Edit Copy Delete Export

6. Assuming that the salary in the Works table is annual salary, write a SQL query to retrieve names (displayed as “Employee Name”) and monthly salary as “Monthly Salary” of employees. [Relevant table: Works]

✓ Showing rows 0 - 7 (8 total, Query took 0.0002 seconds.)

```
SELECT employeeName as EmployeeName, salary/12 as MonthlySalary FROM works;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

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

Extra options

| | | | | EmployeeName | MonthlySalary |
|--------------------------|------|------|--------|--------------|---------------|
| <input type="checkbox"/> | Edit | Copy | Delete | Adams | 1833.3333 |
| <input type="checkbox"/> | Edit | Copy | Delete | Curry | 2083.3333 |
| <input type="checkbox"/> | Edit | Copy | Delete | Hayes | 1583.3333 |
| <input type="checkbox"/> | Edit | Copy | Delete | Jones | 1750.0000 |
| <input type="checkbox"/> | Edit | Copy | Delete | Lindsay | 750.0000 |
| <input type="checkbox"/> | Edit | Copy | Delete | Smith | 1833.3333 |
| <input type="checkbox"/> | Edit | Copy | Delete | Turner | 1666.6667 |
| <input type="checkbox"/> | Edit | Copy | Delete | Williams | 1500.0000 |

7. Write a SQL query to list names and salaries of all employees who work in Meyer and earn more than 20000. [Relevant table: Works]

✓ Showing rows 0 - 1 (2 total, Query took 0.0002 seconds.)

```
SELECT employeeName, salary FROM works WHERE companyName = 'meyer' AND salary > '20000';
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

☐ Show all | Number of rows: Filter rows: Sort by key:

Extra options

| | | | | employeeName | salary |
|--------------------------|--|--|--|--------------|--------|
| <input type="checkbox"/> | | | | Adams | 22000 |
| <input type="checkbox"/> | | | | Curry | 25000 |

☐ Check all With selected: Edit Copy Delete Export

8. Write a SQL query to list names and companies of the employees who earn in the range of 20000 to 25000 (inclusive). [Relevant table: Works]

✓ Showing rows 0 - 2 (3 total, Query took 0.0002 seconds.)

```
SELECT employeeName, companyName FROM works WHERE salary > 20000 AND salary < 25000;
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

☐ Show all | Number of rows: Filter rows: Sort by key:

Extra options

| | | | | employeeName | companyName |
|--------------------------|--|--|--|--------------|-------------|
| <input type="checkbox"/> | | | | Adams | Meyer |
| <input type="checkbox"/> | | | | Jones | Tweeties |
| <input type="checkbox"/> | | | | Smith | Waltons |

☐ Check all With selected: Edit Copy Delete Export

9. Write a SQL query to list names of employees whose managers have “ll” (double ls) in their names. [Relevant table: Manages]

✓ Showing rows 0 - 3 (4 total, Query took 0.0002 seconds.)

```
SELECT employeeName FROM manages WHERE managerName LIKE '%ll%';
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

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

Extra options

| | employeeName |
|-------------------------------------------|--------------|
| <input type="checkbox"/> Edit Copy Delete | Curry |
| <input type="checkbox"/> Edit Copy Delete | Hayes |
| <input type="checkbox"/> Edit Copy Delete | Jones |
| <input type="checkbox"/> Edit Copy Delete | Smith |

↑ ☐ Check all With selected: Edit Copy Delete Export

10. Write a SQL query to list company names and the average salary of their employees. [Relevant table: Works]

✓ Showing rows 0 - 0 (1 total, Query took 0.0002 seconds.)

```
SELECT companyName, AVG(salary) FROM works;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

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

Extra options

| | companyName | AVG(salary) |
|-------------------------------------------|-------------|-------------|
| <input type="checkbox"/> Edit Copy Delete | Meyer | 19500.0000 |

↑ ☐ Check all With selected: Edit Copy Delete Export

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

11. Write a SQL query to list the name of the companies with average salary of employees more than or equal to 20000. [Relevant table: Works]

✓ Showing rows 0 - 0 (1 total, Query took 0.0002 seconds.)

```
SELECT companyName, AVG (salary) FROM works WHERE salary >= 20000;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

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

Extra options

| | companyName | AVG (salary) |
|-------------------------------------------|-------------|--------------|
| <input type="checkbox"/> Edit Copy Delete | Meyer | 22000.0000 |

↑ ☐ Check all With selected: Edit Copy Delete Export

12. Write a SQL query to select details of the employees who works in companies located in Rye. [Relevant tables: Works and Company; Hint: use a subquery]

✓ Showing rows 0 - 3 (4 total, Query took 0.0003 seconds.)

```
SELECT * FROM works WHERE companyName IN (SELECT companyName FROM company WHERE city = 'Rye');
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ▾ Filter rows: Sort by key: None

Extra options

| | employeeName | companyName | salary |
|-------------------------------------------|--------------|-------------|--------|
| <input type="checkbox"/> Edit Copy Delete | Adams | Meyer | 22000 |
| <input type="checkbox"/> Edit Copy Delete | Curry | Meyer | 25000 |
| <input type="checkbox"/> Edit Copy Delete | Lindsay | Meyer | 9000 |
| <input type="checkbox"/> Edit Copy Delete | Smith | Waltons | 22000 |

↑ ☐ Check all With selected: Edit Copy Delete Export

13. Write a SQL query find the number of rows in the Manages table. [Relevant tables: Manages; Hint: use COUNT()]

Your SQL query has been executed successfully.

```
SELECT COUNT(*) FROM manages;
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

Extra options

COUNT(*)

8

14. Write a SQL query to find the name and company of the employee earning the highest salary. [Relevant tables: Works; Hint: use a subquery using max() to find the highest salary. Please do not use 'WHERE salary=25000' as it is the highest salary in this case. Hope you can understand that it is not possible if there are millions of records. We want you to learn how to find it with a query.]

✓ Showing rows 0 - 0 (1 total, Query took 0.0006 seconds.)

```
SELECT employeeName, companyName FROM works WHERE salary IN(SELECT MAX(salary) FROM works);
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

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

Extra options

| | employeeName | companyName |
|-------------------------------------------------------------------------------------------|--------------|-------------|
| <input type="checkbox"/> Edit Copy Delete | Curry | Meyer |

☐ Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

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