

MySQL Activity 4

Adrian Fabian E. Abellanos Jr.
WD 37

1. Write a query to get employee name, department name(Hint: join).

Showing rows 0 - 11 (12 total, Query took 0.0002 seconds.)

SELECT employee.EmpName, department.DeptName FROM employee INNER JOIN department ON employee.DeptID = department.DeptID;

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

Extra options

EmpName	DeptName
Scott	Executive
Clark	Executive
Jeff	HR
Marko	IT
Bryan	HR
Frauline	HR
Philip	HR
Ejerson	HR
Julie	IT
Russel	IT
Buboy	IT
Joseph	IT

2. Write a query to get the highest paid employee details in organization.(Hint: sub query <select inside select>)

Showing rows 0 - 0 (1 total, Query took 0.0004 seconds.)

SELECT * FROM employee WHERE Salary = (SELECT MIN(Salary) From employee);

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Extra options

EmpNo	EmpName	Job	Mgr	HireDate	Salary	Commission	DeptID
1069	Julie	Clerk	1065	1983-05-12	2000	NULL	1003

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3. Write a query to get all department details whose average is more than 2500(Hint: Join, group by, having).

Showing rows 0 - 2 (3 total, Query took 0.0004 seconds.)

SELECT d.DeptID, d.DeptName, AVG(e.Salary) as Ave_Salary FROM employee e INNER JOIN department d ON e.DeptID = d.DeptID GROUP BY d.DeptID HAVING Ave_Salary > 2500;

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

Extra options

DeptID	DeptName	Ave_Salary
1001	Executive	4500.0000
1002	HR	3240.0000
1003	IT	3220.0000

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4. Write a query to display department name and count number of employees per department. (Hint: inner join, group by, count).

Showing rows 0 - 2 (3 total, Query took 0.0003 seconds.)

```
SELECT d.DeptName, COUNT(e.EmpNo) FROM employee e INNER JOIN department d ON e.DeptID = d.DeptID GROUP BY d.DeptName;
```

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Show all

Number of rows: 25

Filter rows: Search this table

Extra options

DeptName	COUNT(e.EmpNo)
Executive	2
HR	5
IT	5

5. Write a query to display employee name, department and location. (Hint: join, alias)

Showing rows 0 - 11 (12 total, Query took 0.0002 seconds.)

```
SELECT e.EmpName as Employee_Name, d.DeptName as Department, d.Location From employee e INNER JOIN department d ON e.DeptID = d.DeptID;
```

Profiling

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Show all

Number of rows: 25

Filter rows: Search this table

Extra options

Employee_Name	Department	Location
Scott	Executive	BGC
Clark	Executive	BGC
Jeff	HR	Mandaluyong
Marko	IT	Bulacan
Bryan	HR	Mandaluyong
Frauline	HR	Mandaluyong
Phylip	HR	Mandaluyong
Ejerson	HR	Mandaluyong
Julie	IT	Bulacan
Russel	IT	Bulacan
Buboy	IT	Bulacan
Joseph	IT	Bulacan

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6. Write a query to display employee name and his/her manager. (Hint: join, alias)

Showing rows 0 - 11 (12 total, Query took 0.0002 seconds.)

```
SELECT e.EmpName AS 'Employee Name', m.EmpName as 'His/Her Manager' FROM employee e LEFT JOIN employee m ON e.Mgr = m.EmpNo;
```

Profiling

Edit inline

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Explain SQL

Create PHP code

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Show all

Number of rows: 25

Filter rows: Search this table

Extra options

Employee Name	His/Her Manager
Scott	NULL
Clark	Scott
Jeff	Scott
Marko	Scott
Bryan	Marko
Frauline	Marko
Phylip	Marko
Ejerson	Marko
Julie	Bryan
Russel	Bryan
Buboy	Bryan
Joseph	Bryan

7. Write a query to display total no of employee joined on 1978-01-01.

Your SQL query has been executed successfully.

```
SELECT COUNT(EmpNo) FROM employee WHERE HireDate = '1978-01-01';
```

Profiling

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Explain SQL

Create PHP code

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Extra options

COUNT(EmpNo)

4

8. Write a query to get the list of department name and its total salary in the organization display it in highest to least salary.

Showing rows 0 - 2 (3 total, Query took 0.0003 seconds.)

```
SELECT d.DeptName, SUM(e.Salary) FROM employee e INNER JOIN department d on e.DeptID = d.DeptID GROUP BY d.DeptName ORDER BY e.Salary ASC;
```

Profiling

Edit inline

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Explain SQL

Create PHP code

Refresh

Show all

Number of rows: 25

Filter rows: Search this table

Extra options

DeptName	SUM(e.Salary)
HR	16200
IT	16100
Executive	9000

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9. Write a query to get the employee name, department name including employees who are not assigned to any department(Hint: outer join).

✓ Showing rows 0 - 11 (12 total, Query took 0.0002 seconds.)

```
SELECT e.EmpName, d.DeptName FROM employee e LEFT JOIN department d ON e.DeptID = d.DeptID;
```

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

Extra options

EmpName	DeptName
Scott	Executive
Clark	Executive
Jeff	HR
Marko	IT
Bryan	HR
Frauline	HR
Phylip	HR
Ejerson	HR
Julie	IT
Russel	IT
Buboy	IT
Joseph	IT

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10. Write a query to get employee name, department name including departments where no employee is working yet(outer join).

✔ Showing rows 0 - 13 (14 total, Query took 0.0004 seconds.)

```
SELECT e.EmpName, d.DeptName FROM employee e RIGHT JOIN department d on e.DeptID = d.DeptID;
```

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☐ Show all

 | Number of rows:

25 ▼

 Filter rows:

Search this table

Extra options

EmpName	DeptName
Scott	Executive
Clark	Executive
Jeff	HR
Bryan	HR
Frauline	HR
Phylip	HR
Ejerson	HR
Marko	IT
Julie	IT
Russel	IT
Buboy	IT
Joseph	IT
NULL	Sales
NULL	Marketing