Assignment

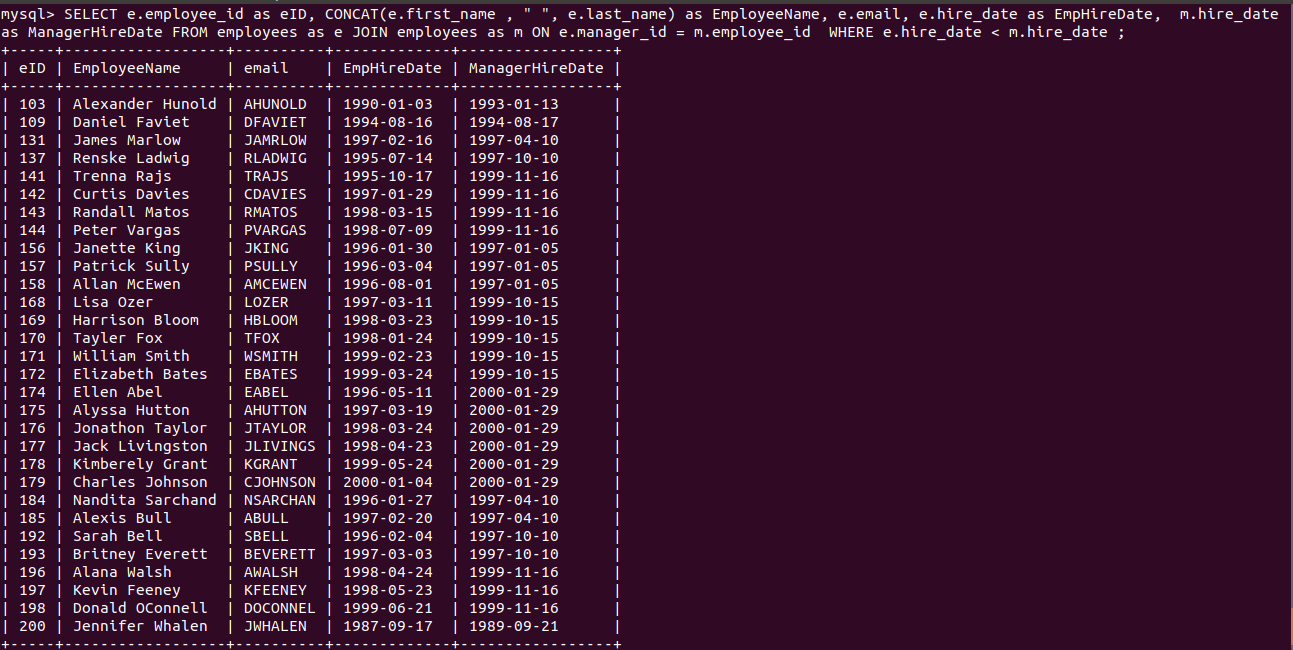
use hr\_db databases accordingly.

**1) find the details of the employees who have joined before their managers.**

SELECT e.employee\_id as eID, CONCAT(e.first\_name , " ", e.last\_name) as EmployeeName, e.email, e.hire\_date as EmpHireDate, m.hire\_date as ManagerHireDate

FROM employees as e JOIN employees as m ON e.manager\_id = m.employee\_id

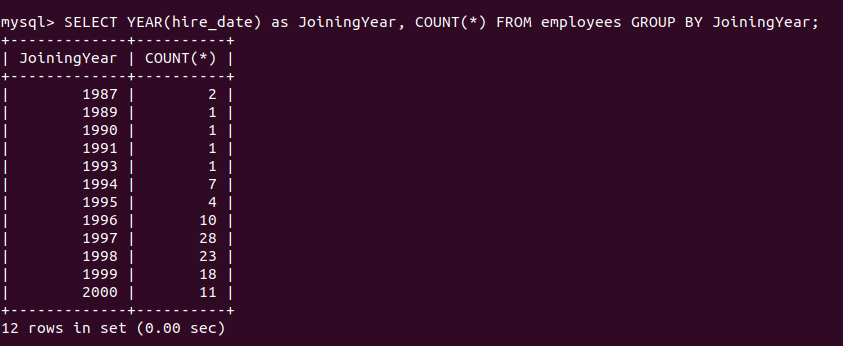
WHERE e.hire\_date < m.hire\_date ;



**2) how many employees join every year.**

SELECT YEAR(hire\_date) as JoiningYear, COUNT(\*)

FROM employees GROUP BY JoiningYear;

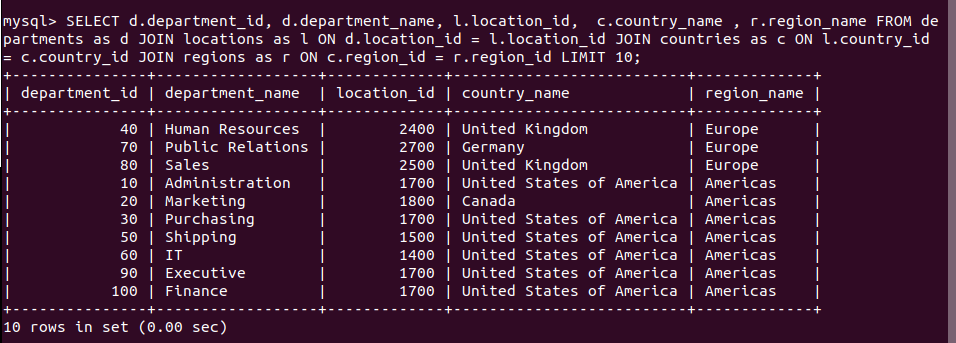


**3) Display the complete address(including region name and country name) of every department.**

SELECT d.department\_id, d.department\_name, l.location\_id, c.country\_name , r.region\_name FROM departments as d JOIN locations as l ON d.location\_id = l.location\_id

JOIN countries as c ON l.country\_id = c.country\_id

JOIN regions as r ON c.region\_id = r.region\_id;

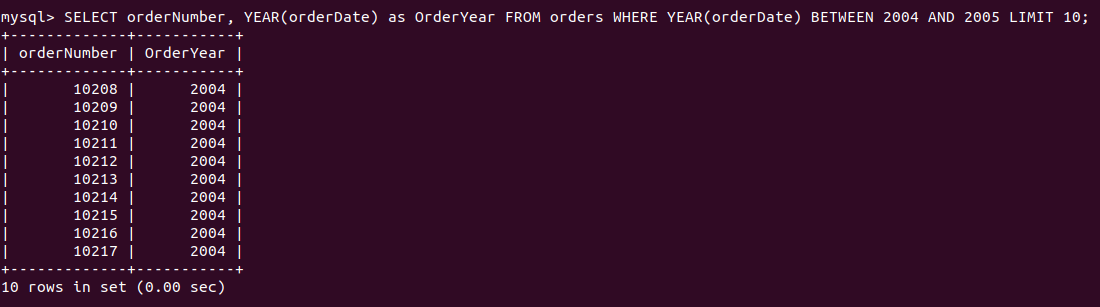
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**4) find the order placed between year 2004 and 2005**

SELECT orderNumber, YEAR(orderDate) as OrderYear

FROM orders

WHERE YEAR(orderDate) BETWEEN 2004 AND 2005;

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**5) Write a query to display the first day of the month (in datetime format) three months before the current month.**

**Sample current date : 2014-09-03**

**Expected result : 2014-06-01**

SELECT date(((PERIOD\_ADD

(EXTRACT(YEAR\_MONTH

FROM CURDATE()),-3)\*100)+1));

**6) Write a query to display the last day of the month (in datetime format) three months before the current month.**

SELECT (SUBDATE(DATE

(CURDATE(),INTERVAL 3 MONTH),

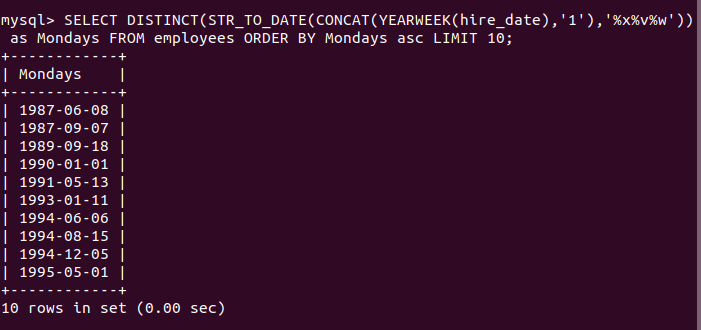
INTERVAL DAYOFMONTH(CURDATE())DAY))

AS LastDayOfTheMonth;

**7) Write a query to get the distinct Mondays from hire\_date in employees tables**

SELECT DISTINCT(STR\_TO\_DATE(CONCAT(YEARWEEK(hire\_date),'1'),'%x%v%w')) as Mondays FROM employees

ORDER BY Mondays asc;



**8) Write a query to get the first name, last name who joined in the month of June**

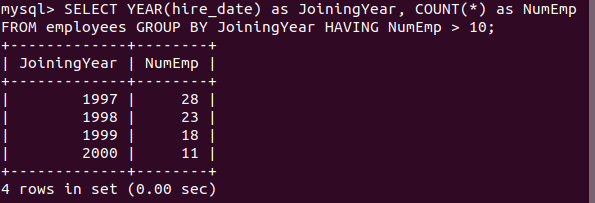
SELECT first\_name, last\_name , hire\_date

FROM employees

WHERE MONTH(hire\_date) = 6;

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**9) Write a query to get the years in which more than 10 employees joined.**

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