**Assignment 5**

use hr\_db databases accordingly.

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

select e.first\_name as e\_first\_name, e.hire\_date, m.first\_name as mgn\_name, m.hire\_date from employees m

join employees e on m.employee\_id = e.manager\_id

where date(e.hire\_date) < date(m.hire\_date);

2) how many employees joined in every year.

select count(employee\_id), year(hire\_date) from employees

group by year(hire\_date);

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

select d.department\_name, concat(l.street\_address,", ", c.country\_name,", ", r.region\_name) as full\_address from departments d

left join locations l on d.location\_id = l.location\_id

left join countries c on l.country\_id = c.country\_id

left join regions r on c.region\_id = r.region\_id ;

4) find the order placed between year 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\_add(date\_add(last\_day(DATE\_SUB(curdate(), INTERVAL 3 MONTH)),INTERVAL 1 DAY), INTERVAL - 1 MONTH);

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

select last\_day(DATE\_SUB(curdate(), INTERVAL 3 MONTH));

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

select distinct(hire\_date), dayname(hire\_date) as week\_name from employees

where dayname(hire\_date) = "Monday";

8) Write a query to get the firstname, lastname who joined in the month of June

select first\_name, last\_name, hire\_date from employees

where monthname(hire\_date) = "June";

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

select count(employee\_id), year(hire\_date) from employees

group by year(hire\_date)

having count(employee\_id) > 10;