

## Lecture 1

Activity 1: Display the employee last name, job ID, and start date of employees hired between February 20, 1998, and May 1, 1998. Order the query in ascending order by start date.

Select Last\_Name, Job\_Id From Employees Where Hire\_Date Between 1998-02-20 and 1998-05-01  
Order By Start\_Date Asc ;

Note: There was no attribute/column named "Start\_Date"

Activity 2: Display the last name and department number of all employees in departments 20 and 50 in alphabetical order by name.

Select Last\_Name, Department\_Id From Employees Where Department\_Id In (20, 50) Order By  
concat (First\_Name, " ", Last\_Name) Asc;

Last_Name	Department_Id
Davies	50
Mourgos	50
Hartstein	20
Fay	20
Vargas	50
Matos	50
Rajs	50

## Lecture 2

Activity 1: Display the last name and hire date of every employee who was hired in 1994.

Select Last\_Name, Hire\_Date From Employees Where Hire\_Date = 1994;

Last_Name	Hire_Date

Activity 2: Display the last name, salary, and commission for all employees who earn commissions. Sort data in descending order of salary and commissions.

Select Last\_Name, Salary, Commission\_pct From Employees Where Commission\_pct Is Not NULL  
Order By Salary Desc, Commission\_pct Desc;

Last_Name	Salary	Commission_pct
Abel	11000.00	0.30
Zlotkey	10500.00	0.20
Taylor	8600.00	0.20
Grant	7000.00	0.15

Activity 3: Display the last name of all employees who have an a and an e in their last name.

Select Last\_Name From Employees Where Last\_Name Like '%a%e%' or '%e%a%';

Last_Name
Davies
Abel
Whalem
Hartstein