

Lab07

Question 1:

```
select last_name, HR.EMPLOYEES.department_id, DEPARTMENT_NAME from HR.EMPLOYEES,  
HR.DEPARTMENTS WHERE HR.EMPLOYEES.department_id = HR.DEPARTMENTS.department_id;
```

Question 2:

```
select e.job_id, d.department_id from hr.employees e, hr.departments d where  
e.department_id=d.department_id and e.department_id=80;
```

Question 3:

```
select e.last_name, d.department_name, d.location_id, l.city from hr.employees e,  
hr.departments d, hr.locations l where e.department_id=d.department_id and  
e.COMMISSION_PCT>0.0;
```

Question 4:

```
select e.last_name, d.department_name from hr.employees e, hr.departments d where  
e.department_id=d.department_id and e.last_name like '%a%';
```

Question 5:

```
select e.last_name, j.job_title, e.department_id, d.department_name from hr.employees e,  
hr.jobs j, hr.departments d, hr.locations l where e.department_id=d.department_id and  
d.location_id=l.location_id and l.city='Toronto';
```

Question 6:

```
select e.last_name as "EMPLOYEE" , e.employee_id "EMP#", m.last_name "MANAGER",  
m.manager_id "MGR#" from hr.employees e join hr.employees m on (e.manager_id =  
m.employee_id);
```

Question 7:

```
select e.last_name as "EMPLOYEE" , e.employee_id "EMP#", m.last_name "MANAGER",  
m.manager_id "MGR#" from hr.employees e left outer join hr.employees m on (e.manager_id =  
m.employee_id);
```

Question 8:

```
select e.last_name, e.job_id, d.department_name, e.salary, j.grade_level from  
hr.employees e, hr.departments d, job_grades j where e.department_id = d.department_id  
and (e.salary between j.lowest_sal and j.highest_sal);
```

Question 9:

```
select e.first_name, e.last_name, e.hire_date from employees e join employees d on  
(d.last_name = 'Davies') where e.hire_date > d.hire_date;
```

Question 10:

```
select e.first_name || ' ' || e.last_name as "Employee", e.hire_date as "Emp Hired",  
m.first_name || ' ' || m.last_name as "Manager", m.hire_date as "Mgr Hired" from  
employees e join employees m on (e.manager_id = m.employee_id) where e.hire_date <  
m.hire_date;
```

Question 11:

```
create view /* LAB07_11 Taylor, Pedretti */ employees_vu as select e.employee_id,  
e.first_name || ' ' || e.last_name as "EMPLOYEE", e.department_id from employees e;
```

Question 12:

SQL> REM LAB07_12

SQL> REM Pedretti, Taylor

SQL> @LAB07_11.sql

View created.

SQL> select view_name, text from user_views;

PRESS RETURN TO CONTINUE

VIEW_NAME	TEXT
EMPLOYEES_VU	select e.employee_id, e.first_name ' ' e.last_name as "EMPLOYEE", e.departm

SQL> select employee, department_id from employees_vu;

PRESS RETURN TO CONTINUE

EMPLOYEE	DEPARTMENT_ID
Donald OConnell	50
Douglas Grant	50
Jennifer Whalen	10
Michael Hartstein	20
Pat Fay	20
Susan Mavris	40
Hermann Baer	70
Shelley Higgins	110
William Gietz	110
Steven King	90
Neena Kochhar	90
Lex De Haan	90
Alexander Hunold	60
Bruce Ernst	60
David Austin	60
Valli Pataballa	60
Diana Lorentz	60
Nancy Greenberg	100
Daniel Faviyet	100
John Chen	100
Ismael Sciarra	100
Jose Manuel Urman	100
Luis Popp	100
Den Raphaely	30
Alexander Khoo	30
Shelli Baida	30
Sigal Tobias	30
PRESS RETURN TO CONTINUE	
EMPLOYEE	DEPARTMENT_ID
Guy Himuro	30
Karen Colmenares	30
Matthew Weiss	50
Adam Fripp	50
Payam Kaufling	50

Shanta Vollman	50
Kevin Mourgos	50
Julia Nayer	50
Irene Mikkilineni	50
James Landry	50
Steven Markle	50
Laura Bissot	50
Mozhe Atkinson	50
James Marlow	50
TJ Olson	50
Jason Mallin	50
Michael Rogers	50
Ki Gee	50
Hazel Philtanker	50
Renske Ladwig	50
Stephen Stiles	50
John Seo	50
Joshua Patel	50
Trenna Rajs	50
Curtis Davies	50
Randall Matos	50
Peter Vargas	50

PRESS RETURN TO CONTINUE

EMPLOYEE	DEPARTMENT_ID
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John Russell	80
Karen Partners	80
Alberto Errazuriz	80
Gerald Cambrault	80
Eleni Zlotkey	80
Peter Tucker	80
David Bernstein	80
Peter Hall	80
Christopher Olsen	80
Nanette Cambrault	80
Oliver Tuvault	80
Janette King	80
Patrick Sully	80
Allan McEwen	80
Lindsey Smith	80
Louise Doran	80
Sarath Sewall	80
Clara Vishney	80
Danielle Greene	80
Mattea Marvins	80
David Lee	80
Sundar Ande	80
Amit Banda	80
Lisa Ozer	80
Harrison Bloom	80
Tayler Fox	80
William Smith	80

PRESS RETURN TO CONTINUE

EMPLOYEE	DEPARTMENT_ID
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Elizabeth Bates	80
Sundita Kumar	80
Ellen Abel	80
Alyssa Hutton	80
Jonathon Taylor	80
Jack Livingston	80
Kimberely Grant	
Charles Johnson	80
Winston Taylor	50
Jean Fleaur	50
Martha Sullivan	50
Girard Geoni	50
Nandita Sarchand	50
Alexis Bull	50
Julia Dellinger	50
Anthony Cabrio	50
Kelly Chung	50
Jennifer Dilly	50
Timothy Gates	50
Randall Perkins	50
Sarah Bell	50
Britney Everett	50
Samuel McCain	50
Vance Jones	50
Alana Walsh	50
Kevin Feeney	50

107 rows selected.

SQL> Spool off

Question 13:

```
create view /* LAB07_13 Pedretti, Taylor */ dept50 as select e.employee_id as "EMPNO",
e.last_name as "EMPLOYEE", e.department_id as "DEPTNO" from employees e, departments d
where (e.department_id=d.department_id) and d.department_id=50;
```

Question 14:

```
SQL> REM LAB07_12
SQL> REM Pedretti, Taylor
SQL> @LAB07_13.sql
```

View created.

```
SQL> select * from dept50;
PRESS RETURN TO CONTINUE
```

EMPNO	EMPLOYEE	DEPTNO
-----	-----	-----
198	OConnell	50
199	Grant	50
120	Weiss	50
121	Fripp	50
122	Kaufling	50
123	Vollman	50
124	Mourgos	50
125	Nayer	50

126	Mikkilineni	50
127	Landry	50
128	Markle	50
129	Bissot	50
130	Atkinson	50
131	Marlow	50
132	Olson	50
133	Mallin	50
134	Rogers	50
135	Gee	50
136	Philtanker	50
137	Ladwig	50
138	Stiles	50
139	Seo	50
140	Patel	50
141	Rajs	50
142	Davies	50
143	Matos	50
144	Vargas	50

PRESS RETURN TO CONTINUE

EMPNO	EMPLOYEE	DEPTNO
180	Taylor	50
181	Fleaur	50
182	Sullivan	50
183	Geoni	50
184	Sarchand	50
185	Bull	50
186	Dellinger	50
187	Cabrio	50
188	Chung	50
189	Dilly	50
190	Gates	50
191	Perkins	50
192	Bell	50
193	Everett	50
194	McCain	50
195	Jones	50
196	Walsh	50
197	Feeney	50

45 rows selected.

SQL> select view_name, text from user_views;

PRESS RETURN TO CONTINUE

VIEW_NAME	TEXT
DEPT50	select e.employee_id as "EMPNO", e.last_name as
"EMPLOYEE", e.department_id as "	
EMPLOYEES_VU	select e.employee_id, e.first_name ' ' e.last_name as
"EMPLOYEE", e.departm	

SQL> update dept50 set deptno=80 where employee='Matos';

update dept50 set deptno=80 where employee='Matos'

*

ERROR at line 1:

ORA-01031: insufficient privileges

SQL> Spool off