

## Lab Assignment No-07

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Class: TE-Comps B	Batch: B3
Date of Experiment: 28/08/2020	Date of Submission: 24/11/2020
Grade :	

1. Write a query to display the last name and hire date of any employee in the same department as Zlotkey. Exclude Zlotkey.

**Ans:**

```
SELECT
    LAST_NAME,
    HIRE_DATE
FROM
    EMPLOYEES
WHERE
    DEPARTMENT_ID = (SELECT DEPARTMENT_ID
                     FROM EMPLOYEES
                     WHERE LAST_NAME = 'ZLOTKEY')
AND
LAST_NAME <> 'ZLOTKEY';
```

LAST_NAME	HIRE_DATE
Abel	09-JUL-98
Taylor	09-JUL-98

2. Create a query to display the employee numbers and last names of all employees who earn more than the average salary. Sort the result in descending order of salary.

**Ans:**

```
SELECT
    EMPLOYEE_ID,
    LAST_NAME
FROM
    EMPLOYEES
WHERE
    SALARY > (SELECT AVG(SALARY) FROM EMPLOYEES)
ORDER BY SALARY;
```

EMPLOYEE_ID	LAST_NAME
174	Abel
205	Higgins
201	Hartstein
101	Kochhar
102	De Haan
100	king
107	Lorentz

3. Write a query that displays the employee numbers and last names of all employees who work in a department with any employee whose last name contains a u.

**Ans:**

```
SELECT  
EMPLOYEE_ID,  
    LAST_NAME  
FROM  
    EMPLOYEES  
WHERE  
    DEPARTMENT_ID IN (SELECT DEPARTMENT_ID  
FROM EMPLOYEES  
WHERE LAST_NAME LIKE '%U%');
```

EMPLOYEE_ID	LAST_NAME
103	Hunold
104	Ernst
107	Lorentz
124	Mourgos
141	Rajs
142	Davies
143	Matos
144	Vargas

4. Displays the last name, department number, and job ID of all employees whose department location Id is 1700.

Ans:

```
SELECT
    LAST_NAME,
    DEPARTMENT_ID,
    JOB_ID
FROM
    EMPLOYEES
WHERE
    DEPARTMENT_ID IN (SELECT DEPARTMENT_ID
                      FROM DEPARTMENTS
                      WHERE LOCATION_ID = 1700);
```

LAST_NAME	DEPARTMENT_ID	JOB_ID
king	90	AD_PRES
Kochhar	90	AD_VP
De Haan	90	AD_VP
Whalen	10	AD_ASST
Higgins	110	AC_MGR
Gietz	110	AC_ACCOUNT

5. Display the department number, last name, and job ID for every employee in the Executive department.

**Ans:**

```
SELECT
    DEPARTMENT_ID,
    LAST_NAME,
    JOB_ID
FROM
    EMPLOYEES
WHERE
    DEPARTMENT_ID IN (SELECT DEPARTMENT_ID
                      FROM DEPARTMENTS
                      WHERE DEPARTMENT_NAME =
                        'EXECUTIVE');
```

DEPARTMENT_ID	LAST_NAME	JOB_ID
90	king	AD_PRES
90	Kochhar	AD_VP
90	De Haan	AD_VP