Database Management System

EXPERIMENT 9 SUBQUERIES

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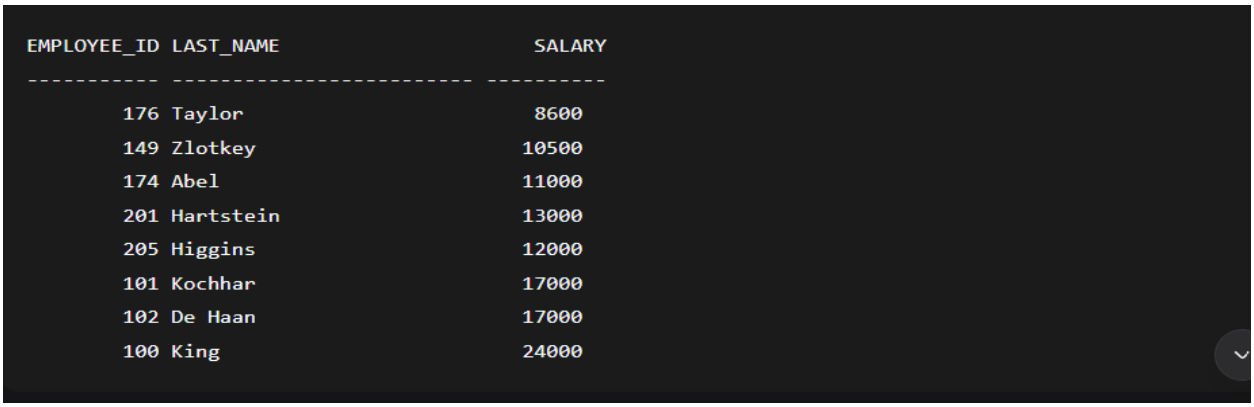
1. Display employees in the same department as Zlotkey (excluding Zlotkey)

```
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                      11-MAY-96
Taylor                    24-MAR-98
Grant                     24-MAY-99
```

2. Display employees earning more than average salary

```
SELECT employee, last name, salary
FROM employees
WHERE salary > (SELECT AVG (salary) FROM employees)
ORDER BY salary ASC;
```



EMPLOYEE_ID	LAST_NAME	SALARY
176	Taylor	8600
149	Zlotkey	10500
174	Abel	11000
201	Hartstein	13000
205	Higgins	12000
101	Kochhar	17000
102	De Haan	17000
100	King	24000

3. Display employees working in departments with employees having 'u' in last name

SELECT employee_id, last_name
FROM employees WHERE department_id IN (
SELECT DISTINCT department_id
FROM employees WHERE last_name LIKE '%u%')
ORDER BY employee_id;

OUTPUT:

EMPLOYEE_ID LAST_NAME

145 Russell
146 Partners
147 Errazuriz
148 Cambrault
149 Zlotkey
150 Tucker
151 Bernstein
152 Hall
153 Olsen
154 Cambrault
155 Tuvault
156 King
157 Sully
158 McEwen

```
159 Smith
160 Doran
161 Sewall
162 Vishney
163 Greene
164 Marvins
165 Lee
166 Ande
167 Banda
168 Ozer
169 Bloom
170 Fox
171 Smith
172 Bates
173 Kumar
174 Abel
175 Hutton
176 Taylor
177 Livingston
178 Grant
179 Johnson
```

4. Display employees in location ID 1700

```
SELECT e.last_name, e.department_id, e.job_id
FROM employees e JOIN departments d ON e.department_id =
d.department_id WHERE d.location_id = 1700
ORDER BY e.last_name;
```

```
LAST_NAME                 DEPARTMENT_ID JOB_ID
------------------------- ------------- ----------
Baida                              30 PU_CLERK
Gietz                             110 AC_ACCOUNT
Higgins                           110 AC_MGR
King                               90 AD_PRES
Kochhar                            90 AD_VP
Raphaely                           30 PU_MAN
Tobias                             30 PU_CLERK
Whalen                             10 AD_ASST
```