

**Sub Queries**

***Hex 2551***

**Tables :EMP ,DEPT**

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

|  |  |
| --- | --- |
| ENAME | HIREDATE |
| JONES | 02-APR-81 |
| FORD | 03-DEC-81 |
| SCOTT | 09-DEC-82 |
| ADAMS | 12-JAN-83 |

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

|  |  |
| --- | --- |
| **EMPNO** | **ENAME** |
| 7782 | CLARK |
| 7698 | BLAKE |
| 7566 | JONES |
| 7902 | FORD |
| 7788 | SCOTT |
| 7839 | KING |

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

|  |  |
| --- | --- |
| **EMPNO** | **ENAME** |
| 7698 | BLAKE |
| 7654 | MARTIN |
| 7499 | ALLEN |
| 7844 | TURNER |
| 7900 | JAMES |
| 7521 | WARD |

4. Display the last name and salary of every employee who reports to BLAKE.

|  |  |
| --- | --- |
| **ENAME** | **SAL** |
| MARTIN | 1250 |
| ALLEN | 1600 |
| TURNER | 1500 |
| JAMES | 950 |
| WARD | 1250 |

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

|  |  |  |
| --- | --- | --- |
| **DEPTNO** | **ENAME** | **JOB** |
| 30 | BLAKE | MANAGER |
| 30 | MARTIN | SALESMAN |
| 30 | ALLEN | SALESMAN |
| 30 | TURNER | SALESMAN |
| 30 | JAMES | CLERK |
| 30 | WARD | SALESMAN |

6. Modify the query in 5th exercise to display the employee numbers, last names, and salaries of all employees who earn more than the average salary and who work in a department with any employee with a ‘A’in their name.

|  |  |  |
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| **EMPNO** | **ENAME** | **SAL** |
| 7839 | KING | 5000 |
| 7782 | CLARK | 2450 |
| 7566 | JONES | 2975 |
| 7788 | SCOTT | 3000 |
| 7902 | FORD | 3000 |
| 7698 | BLAKE | 2850 |

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