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SQL Job Preparation Assignment 3

1. **Using the BETWEEN operator, rewrite the following query: SELECT EMPNO, ENAME, SAL FROM EMP WHERE SAL>=2000 AND SAL=3000;**

   SELECT DISTINCT

   EMPNO,

   ENAME,

   SAL

   FROM EMP

   WHERE SAL BETWEEN 2000 AND 3000;

2. **Rewrite the query SELECT EMPNO, ENAME, HIRE DATE FROM EMP WHERE ENAME='JONES' OR ENAME='TURNER' OR ENAME='SMITH' using the IN operator.**

   SELECT DISTINCT

   EMPNO,

   ENAME,

   HIRE_DATE

   FROM EMP

   WHERE ENAME IN ('JONES','TURNER','SMITH');

3. **In SQL, what is the difference between null and 0?**

   In Sql, NULL means it doesn't have any value in the data point, where as ZERO (0) is an integer value

4. **Using the LIKE operator, extract all the rows where the name has a third character like 'A,' e.g. CHARLIE.**

   SELECT *

   FROM EMP

   WHERE ENAME LIKE '__A%';

   **used escape character '__' to search the third character as desired

5. **Display the EMPNO, ENAME, SAL whose SAL is more than 2000 and sort based in a query.**

SELECT DISTINCT

EMPNO,

ENAME,

SAL

FROM EMP

WHERE SALARY > 2000

ORDER BY SAL;