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CSE

1) An error occurs as no column is present /
 a column with position 3 doesn't exist
 Error \Rightarrow out of range

2) ~~SELECT * FROM EMPLOYEE WHERE~~
~~SELECT E1.NAME FROM EMPLOYEE~~
~~SELECT E1.NAME FROM EMPLOYEE E1, EMPLOYEE~~
~~E2~~
~~WHERE E1.ENSPOLICY = E2.ENSPOLICY.~~

3) ~~SELECT * FROM C~~
~~SELECT ENAME, SAL-VOL, DENSE_RANK()~~
~~OVER (ORDER BY SAL-VOL DESC) r FROM~~

8) SELECT * FROM EMPLOYEE WHERE SAL-VOL =
 (SELECT MIN(SAL-VOL) FROM EMPLOYEE
 WHERE SAL-VOL IN (

SELECT DISTINCT TOP N
 SAL-VOL FROM EMPLOYEE
 ORDER BY SAL-VOL DESC

4) True. The SQL server drops all the related objects that are present in the table, such as columns, ~~to~~ indexes etc. However dropping a table will not drop views & stored procedures that exist outside the table

5) SELECT * FROM (#1
#2
;
// starts with 1
 SELECT *, ROW-NUMBER() OVER (ORDER BY
 Std-ID) AS RowNum
 FROM Std-Info-Details
)
 WHERE t.RowNum % 2 = 0 // Even
 // WHERE t.RowNum % 2 = 1 ⇒ Odd.

The records are arranged in asc. order & the alternate records are fetched using Row number

(or)

SELECT * FROM (
 SELECT (rownum, Std-ID, Std-Course-Name
 FROM Std-Info-Details)

WHERE MOD(rownum, 2) = 0 // Even
 // WHERE MOD(rownum, 2) = 1 // Odd.

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6) SQL QUERY:

CREATE TABLE NEW-TABLE AS (

SELECT * FROM UniversityTable
WHERE 1=2);

A new table named NEW-TABLE will be created that has all the columns from UniversityTable, but no data from the latter.

7) DELETE SUB FROM

(SELECT ROW-NUMBER() OVER

(PARTITION BY EmpID, EmpName,
Emp No.

ORDER BY Emp-Project-ID) cnt

FROM EMPLOYEE) SUB

WHERE SUB.cnt > 1

TABLES / SCHEMAS

8)

B. COMPLETE

QD	SCHOLAR NAME	TUTORIALS
1	A	A-T
2	B	B-T
3	C	C-T
4	D	D-T
5	E	E-T

REQUIRED

QD	TUTORIAL
1	X A-T
2	H B-T
3	Z C-T
4	W D-T
5	U E-T

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ID	SCHOLAR
1. → 1	A
2	B
3	C
4	D
5	E

→ ~~ID~~ SCHOLAR AND REQUIRED

2. → ID	SCHOLAR	TUTORIAL
1	A	A-T
2	B	B-T
3	C	C-T
4	D	D-T
5	E	E-T

3. → SCHOLARS AND REQUIRED NOT COMPLETE

ID	SCHOLAR	TUTORIAL
1	A	A-T
2	B	B-T
3	C	C-T
4	D	D-T
5	E	E-T

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4. CANNOT GRADUATE

→ ID	SCHOLAR
1	A
2	B
3	C
4	D
5	E

5. CAN GRADUATE

→ NULL TABLE