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1.7

ZooEmp Table

ZPerName	ZPerID
A	1
B	2
C	3

Query:- select ZPerName from ZooEmpTable order by 3asc;

Output:- Error as there are only 2 columns in the table and ~~to~~ acc. to query it should sort according to 3rd column which is not available so error will come.

2. >

Eid	Ename	Insurance Policy
1	A	1001
2	B	1002
3	C	1001
4	D	1003
5	E	1004
6	F	1002

Employee Table

Select T1.Ename from Employee Table as T1,  
Employee Table as T2 where  
T1.Eid = T2.Eid

Query :-

Select T1.Ename from Employee Table as T1,  
Employee Table as T2 where  
T1.Insurance Policy = T2.Insurance Policy  
and T1.Ename <> T2.Ename

Output :-

Ename
A
B
C
F



3. >

Sales Table		
Id	P. Name	Sales Volume
1	A	1000
2	B	2000
3	C	6000
4	D	600
5	E	700

SELECT \* FROM SalesTable

WHERE

WHERE SalesVolume = (SELECT DISTINCT(SalesVolume))  
FROM SalesTable ORDER BY SalesVolume  
LIMIT m-1, 1);

4. > Yes, SQL Server drops all related objects, which exists inside a table like constraints, index, columns, defaults etc. But dropping a table will not drop views and stored procedures as they exist outside the table.

5.> To fetch even numbered Columns

```
SELECT * FROM Std-Info-Details  
WHERE Std-ID % 2 = 0;
```

To fetch Odd numbered Columns

```
SELECT * FROM Std-Info-Details  
WHERE Std-ID % 2 = 1;
```

6.> To create a empty table using existing table we use command

```
CREATE TABLE new-table  
AS (SELECT *  
FROM UniversityTable  
WHERE 1=2);
```

This would create a new table that includes all columns of University table but no data from University table



Thursday

Week 10 • 065-301

7.→ DELETE SUB FROM  
(SELECT Row-Number() OVER  
(PARTITION BY EmpID, EmpName,  
EmpSSN ORDER BY EmpID)  
cnt FROM EMPLOYEE) SUB  
WHERE SUB.cnt > 1

8.7a. >

Complete

Required

Scholar

Tutorial

Tutorial

A

101

101

B

102

102

C

103

103

D

104

105

E

105

>

~~All~~ Scholar

AllScholars

scholar

A

B

C

D

E

20/3

2. >

Scholar And Required

Scholar	Tutorial
A	101
B	102
C	103
<del>D</del>	
E	105

3. >

Scholar And Required Not Complete

Scholar	Tutorial
A	101
B	102
C	103
E	105

4. >

Cannot Graduate

~~Scholar~~



8

Scholar
A
B
C
E

5. >

Can Graduate

Scholar
D

b. > Query 1. >

SELECT Scholar INTO AllScholar  
FROM COMPLETE

Query 2. >

CREATE TABLE ScholarAnd Required  
AS SELECT DISTINCT AllScholar, Scholar  
Required, tutorial FROM AllScholar, Required

~~Query 3. >~~

~~Query 3. >~~



Query 3. > CREATE TEMP TABLE ScholarAndRequired  
Not Complete AS SELECT \* FROM Scholars AND  
Required WHERE EXISTS (SELECT \* FROM  
Complete WHERE Scholars AND Required,  
Scholar < > Complete. Scholars AND Scholars And  
Required. Tutorial < > Complete. Tutorial)

Query 4. > SELECT Scholar INTO Cannot Graduate  
FROM Scholars Required Not Complete.

Query 5. > CREATE TEMP TABLE Can Graduate  
AS  
SELECT \* FROM All Scholars where EXISTS  
(SELECT \* FROM Cannot Graduate where  
Cannot Graduate. Scholar < > All Scholars.  
Scholar)