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19BCS112

1A) let the table be like;

ZooEmpTable

ZperName	ZPerId
Mani	5
Rohit	4
Book	2
Pen	1

the statement / query given is

Select ZperName from ZooEmpTable  
Order by 3 asc;

Outputs "Error"

Reason: there doesn't exist a 3<sup>rd</sup> column in the table, therefore Error displays as 'out of range'.

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② Table:  
Employees Table

Let the attributes be "Name" & "Insurance"

Name	Insurance
Mani	4
Book	4
Kholi	10

Query:   
SELECT \* FROM Employees WHERE  
SELECT e.Name FROM Employees e  
SELECT e<sub>1</sub>.Name FROM Employees e<sub>1</sub>, Employees e<sub>2</sub>  
WHERE e<sub>1</sub>.Insurance = e<sub>2</sub>.Insurance



3, Table

Name	Salary
I	10,000
J	20,000
K	30,000

Select \* from (

Select name, salary, dense\_rank()  
over (order by sal desc), from Employee)

Where  $m = n$ ;

To find to the 2<sup>nd</sup> highest salary

Set  $n = 2$

To find to the 3<sup>rd</sup> highest salary

Set  $n = 3$  . . .

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4, it is complicated because,

True:

SQL server drops all related objects, which exists in a table like constraints, indexes, columns, defaults etc.

False:

But dropping a table will not drop view and stored procedures as they exist outside the table



⑤ select \* from std-Info-Details where  
Std-ID % 2 = 0  
or  
select \* from std-Info-Details where  
Std-ID % 2 = 1

⑥ select Top 0 \* Into Empty-Table from  
university Table

this query helps to copy the Top 0  
Row which is just the column  
names from the university Table.

⑦

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Q(a) Complete

Scholar	tutorial	Required
Rajesh	DBMS	DBMS
Mahesh	Toc	Toc
Suresh	Toc	OS
Jayesh	OS	SE
Rajesh	SE	

Query 1:

All scholars Table

Scholar
Rajesh
Mahesh
Suresh
Jayesh
Rajesh



Query 2

Scholar And required Table

Scholar	tutorial
Rajesh	DBMS
Maresh	TOC
Suresh	OS
Jayesh	SE

Query 3

Scholars and required not complete

Scholars	tutorial
Suresh	OS
Jayesh	SE

Query 4

Cannot Graduate

Scholar
Suresh
Jayesh

Query 5:

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19BCSI12

Graduate

Scholar
Rajesh
Manesh

(b) Query 1:

```
SELECT SCHOLAR INTO AScholars  
FROM COMPLETE
```

Query 2:

Query 2:

Query 3:

```
CREATE TEMP TABLE Scholar And  
Required not complete AS SELECT * FROM  
Scholars AND Required WHERE EXISTS(  
SELECT * FROM COMPLETE WHERE Scholars
```



And required. Tutorial < > complete. tutorial

Query 4:

SELECT Scholar INTO Cannot Graduate  
FROM Scholars and Required Not Complete

Query 5:

CREATE TEMP TABLE Can Graduates

SELECT \* FROM All Scholars where exists (SE-

LECT \* FROM Cannot Graduate where

Cannot Graduate. scholars < > All Scholars.

Scholars).