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19BCS069

1. let the table

ZooEmpTable

| Z Per Name | Z Per Id |
|------------|----------|
| Joshasree  | 4        |
| Sweetie    | 3        |
| Bobby      | 2        |
| Shushmo    | 1        |

The statement (Q) Query :-

Select Z Per Name from ZooEmpTable order by 3 asc;

Result: "Error"

Reason:- There doesn't exist a 3<sup>rd</sup> column in the Table. ∴ error displays as "out of Range".

2. Table:-  
let the attributes be 'Name' & 'Insurance'.

| Name    | Insurance |
|---------|-----------|
| Josho   | 4         |
| Bobby   | 4         |
| Sweetie | 10        |

Query:-

Select distinct E1.Employee - Name from Employees E1.  
Employees E2 where E1.Insurance = ~~policy~~ E2.Insurance

## 3. Table

| Product | Product id | Sales-Volume |
|---------|------------|--------------|
| Soap    | 100        | 50           |
| Pen     | 50         | 40           |
| book    | 20         | 60           |
| Phone   | 500        | 30           |
| Table   | 40         | 20           |

Query :-

Select \* from ((select \* from product order by sales volume Desc limit 'M') as t1) order by t1.sales-volume Asc limit 1;

Note: if  $M=3$ ; the out put will be:-

| Product | Product id | Sales volume |
|---------|------------|--------------|
| Pen     | 50         | 40           |

4.

yes, SQL server drops all related objects.

Reason:-

If a table being dropped references the primary key of another table that is also being dropped, the referancing table with the foreign key must be listed before the table holding the primary key.



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4. Which exists inside a table like constraints, indexes, columns defaults etc. But dropping a table will not drop views and stored procedures as they exist outside the table.

5. Query:-

```
select * from (select std-id, std-Department, std-Course-credit and std-course-name, row number rn, from std-info-details order by rn). where mod(rn, 2) = 0;
```

Explanation: if  $\text{mod}(rn, 2) = 0$  will give even rows.

if  $\text{mod}(rn, 2) \neq 0$  will give odd rows.

row no is a feature given by dbms.

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3.

(i) Complete Table:

| Scholar | Tutorial |
|---------|----------|
| A       | C1       |
| B       | C1       |
| C       | C1       |
| D       | C1       |

required

| Tutorial |
|----------|
| C2       |
| C3       |
| C4       |
| C1       |

(ii) result:-

(a) all scholars. Table:-

| Scholars |
|----------|
| A        |
| B        |
| C        |
| D        |

(b) result:-

scholars and required.

| All scholars. Scholar | required. tutorial |
|-----------------------|--------------------|
| A                     | C2                 |
| A                     | C3                 |
| A                     | C4                 |
| B                     | C2                 |
| B                     | C3                 |
| B                     | C4                 |
| C                     | C2                 |

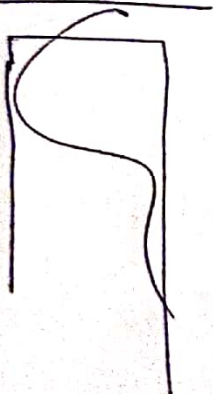
| All scholars: scholar | Required tutorial |
|-----------------------|-------------------|
| C                     | C3                |
| C                     | Cu                |
| D                     | C2                |
| D                     | C3                |
| D                     | Cu                |
| A                     | C1                |
| B                     | C1                |
| C                     | C1                |
| D                     | C1                |

Q4 result:-

Can not Graduate Table.

| Scholars. |
|-----------|
| A         |
| B         |
| C         |
| D         |

Q5 result:-



| Scholars |
|----------|
|          |

Null.



Q3 result:-

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| All scholars. scholar. | required tutorial. |
|------------------------|--------------------|
| A                      | C2                 |
| A                      | C3                 |
| A                      | C4                 |
| B                      | C2                 |
| B                      | C3                 |
| B                      | C4                 |
| C                      | C2                 |
| C                      | C3                 |
| C                      | C4                 |
| D                      | C2                 |
| D                      | C3                 |
| D                      | C4                 |

6. Create Table T<sub>1</sub> as ~~B~~. Select \* from University\_Table  
where  $1 > 2$ ;

Here the condition is false  
So. table is created but it does not have any  
rows.