

①

ZooEmpTable

ZPerID	ZPerName
1	Vishwas
2	Nihal
3	Ankit
4	Vijay
5	Raghu

Given Query: Select ZPerName from ZooEmpTable order by 3 asc;

Result: This will result in an error because there is no 3rd column in the table. Therefore, it displays "Out of Range."

②

Employees Table

Emp-ID	Emp-Name	Emp-Ins
1	Vishwas	A
2	Nihal	A
3	Vijay	B
4	Ankith	A
5	Raghu	B

⇒ Query to fetch employee names who exhibit same insurance "A"

```
SELECT Emp-Name FROM employees  
WHERE Emp-Ins Emp-Ins IN ("A") ;
```

Output:

Emp-Name
Vishwas
Nihal
Ankith

Similarly if we want 'B' we replace "A" with "B" in the above Query.

③

Employees Table

ID	NAME	SALES_VOLUME
1	Vishwas	1000
2	Ankith	2000
3	Nihal	3000
4	Vijay	4000
5	Raghu	5000

To find the m^{th} highest sales-volume:

QUERY: select * from (
select ID, NAME, SALES-VOLUME, dense_rank()
over (order by SALES-VOLUME desc) r from Employees Table)
where r = m ;

Example: To find the 2nd highest SALES-VOLUME set $m = 2$.

④ The DROP statement destroys the objects like an existing database table, index or view.

It removes a component from RDBMS.

After using DROP, we cannot retrieve data as we can retrieve when we use DELETE.

DROP

nothing is
left

DELETE

deleted, can be retrieved.

⑤

Std_Info_Details

Std_ID	Std_Department	Std_Course_Credit	Std_Course_Name
1	CSE	5	C++
2	ECE	4	Digital design
3	EEE	4	MP & MC
4	CSE	5	Python
5	ECE	4	Physics

QUERY: Select * from Std_Info_Details
 WHERE Std_ID % 2 = 0;

Explanation: Std-ID is of the datatype - Integer. So, this query will select all the values which are even which is given by $\text{Std-ID} \% 2 = 0$. Therefore, we will get alternate records from the table i.e 2, 4 --.

⑥ `SELECT TOP 0 * into Empty-Table FROM University Table`

This query helps to copy the top 0 rows which is nothing but the column names from the university Table.