CS210 - DBMS

Name - Nihar Sanda

Reg. No. - 19BCS125

(1.) $Assuming the Names of our own.

Zoo EmpTable

ZPerId	ZPerName.
1	Nihar
2	Mohan
3	Ram
4	Shyam
5	Ambika
6	Ruchika
7	Jay
8	Sarthak

* Query.
→ select ZPerName from Zoo EmpTable
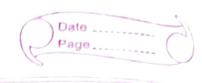order by 3 asc;

* Result
→ "Error"
→ There doesn't exist a 3rd column
in the table. "Out of Range" error is
thrown. We only have 2 columns
named Zpername and ZperId.

③

soft_drinks_sales

Id	Name	Sales_Volume
1	coco-cola	2300
2	Pepsi	3100
3	Sprite	2400
4	Gatorade	3980
5	Thumb Up	5100
6	Mountain Dew	3980

query :—

Select * from (

Select ~~bbb~~ sales_volume,

Select * from ⸢ soft_drinks_sales
Order by Sales_volume asc.
Limit 4m;

5.

Query :

* To fetch even numbered columns

   select * from std-info-details
   where std-id % 2 = 0;

   ~~select~~

* To fetch odd numbered columns.

   select * from std-info-details
   where std-id % 2 = 1;

Explanation :-

→ Select : It is used to select all
   the columns in the Table.

→ where : It is used to define the
   condition.

→ Modulus Operator : It is used in
   the condition such that the
   numbers are even or odd.

(6) query:

```
CREATE TABLE empty_table.
AS  ( SELECT *
         FROM  University Table where 1=2)
```

Explanation :-

⇒ CREATE TABLE: It is used to create a
new table.

⇒ inside Create, select table University
table where 1=2, 1 cannot be equal to
2 so colums get copied and table
is empty.

8.

Query 1 :-

AllScholars Table

Scholar
Ram
Shyam
Mohan
Nihal
Arnav

Query 2:

ScholarAnd Required Table

Scholar	Tutorial
Ram	TOC
Shyam	DBMS
Mohan	Ethics
Nihar	S.E.
Arnav	O.S.

Query 3:-

ScholarsAnd Required Not complete

Scholar	Tutorial
Ram	TOC
Arnav	O.S.

Query 4:

cannotGraduate

Scholar
Ram
Arnav

Query 5:-

Can Graduate

Scholars
Shyam
Mohan
Nihal

b.) QUERY1 :-

SELECT Scholar INTO All Scholars
FROM COMPLETE

QUERY 2: -

QUERY 3:-

CREATE TEMP TABLE ScholarsAnd Required
Not Complete AS. SELECT * from
Scholars And Complete WHERE
Scholars And Required.

(4.)

⇒ False.

⇒ As the views and sorted procedures.
referencing the table are stored
separalety and we need to
remove them separately