NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR

Cachar, Assam

B.Tech. Vth Sem

Subject Code: CS-312

Subject Name: Database Management System

Submitted By:

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Sch. Id. : 1912160

Branch : CSE – B

CONNECTION: 1912160_CS312 SCHEMA: assignment3 TABLES

STUDENTS

Result Grid | Filter Rows: | Edit: | Export/Import

S_id	S_name	Course	City	State	Mark
19DCS001	ADITYA	PH.D	BHUBANESHWAR	ODHISHA	9
21PCS001	AJAY	M.TECH	HYDERABAD	TELENGANA	8
21PCS005	MAHESH	M.TECH	IMPHAL	MANIPUR	7
21UCS001	ROHIT	B.TECH	KOLKATA	WEST BENGAL	8
21UCS002	RAHUL	B.TECH	GUWAHATI	ASSAM	8
NULL	NULL	NULL	NULL	NULL	NULL

TEACHERS

Result Grid | Filter Rows: | Edit:

T_id	T_name	City	State
19FCS003	AMIT	HYDERABAD	TELENGANA
20FCS001	LALIT	CHENNAI	TAMIL NADU
21FCS012	VENKAT	GUWAHATI	ASSAM
NULL	NULL	NULL	NULL

GUIDED

Result Grid | Filter Rows: | Edit: | Export/Import:

G_id	G_date	G_year	S_id	T_id
19CS01	19-JUN-2019	2019	19DCS001	19FCS003
21CS01	2-FEB-2021	2021	21UCS001	20FCS001
21CS02	2-JUN-2021	2021	21UCS002	21FCS012
21CS03	2-JUN-2021	2021	21UCS003	20FCS001
21CS04	2-JULY-2021	2021	21PCS001	21FCS012
21CS05	2-FEB-2021	2021	21PCS005	19FCS003
NULL	NULL	NULL	NULL	NULL

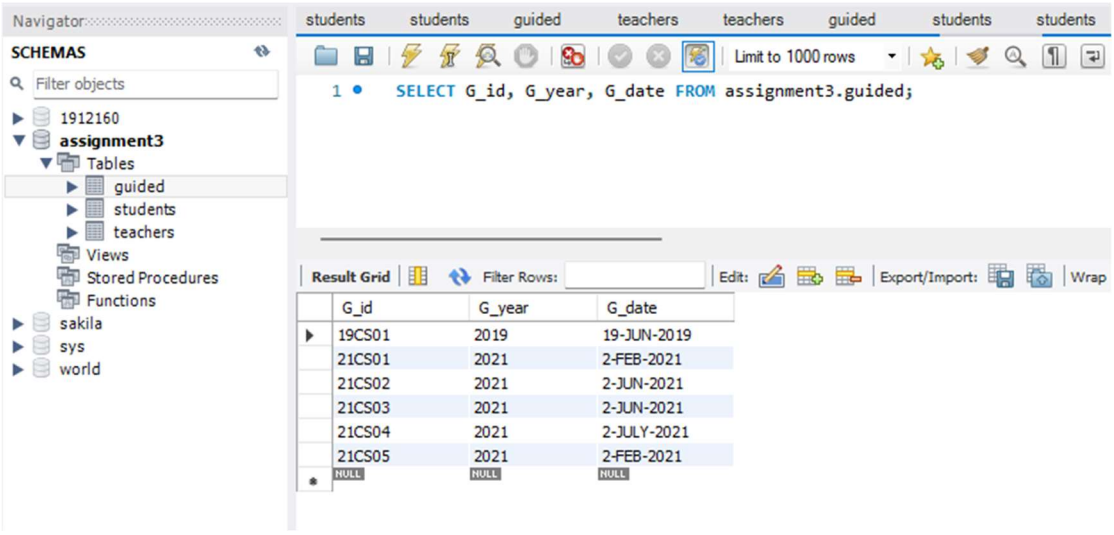
EMPLOYEE

Result Grid | Filter Rows: | Edit:

ID	DEPT_ID	GENDER	NAME	SALARY	E_ID
1	2	M	JOHN	1000	123
2	4	F	BELA	2000	313
3	3	F	KATY	2000	335
4	1	M	RON	2000	533
5	2	M	KEN	1000	563
6	2	M	JOHN	2000	321
7	4	F	TAYLOR	1000	312
8	3	F	TAYLOR	2000	442
9	3	M	RAZOR	1000	565
NULL	NULL	NULL	NULL	NULL	NULL

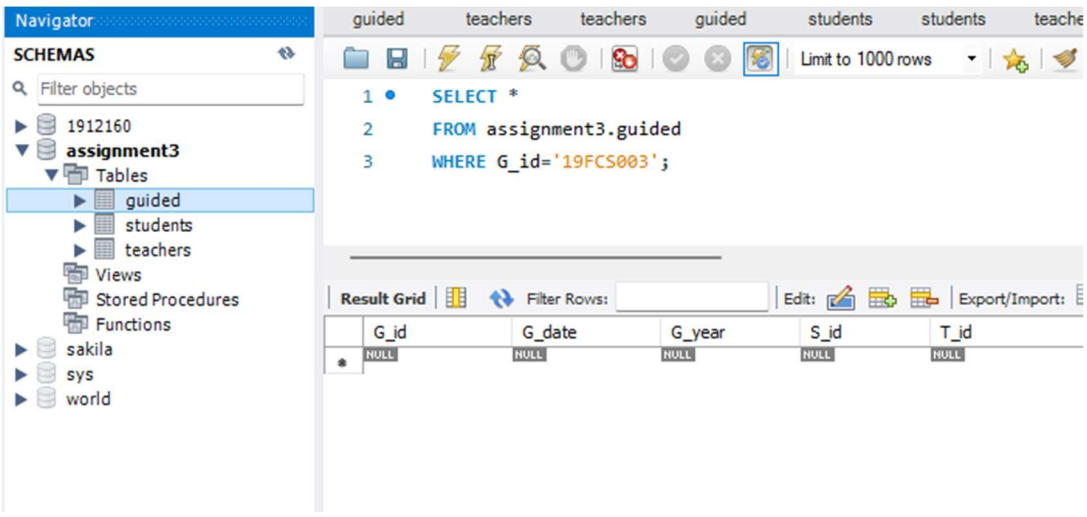
1. **Write a select command that produces the guided id, year, and date for all rows in the Guided table.**

➔ SELECT G_id, G_year, G_date
FROM assignment3.guided;



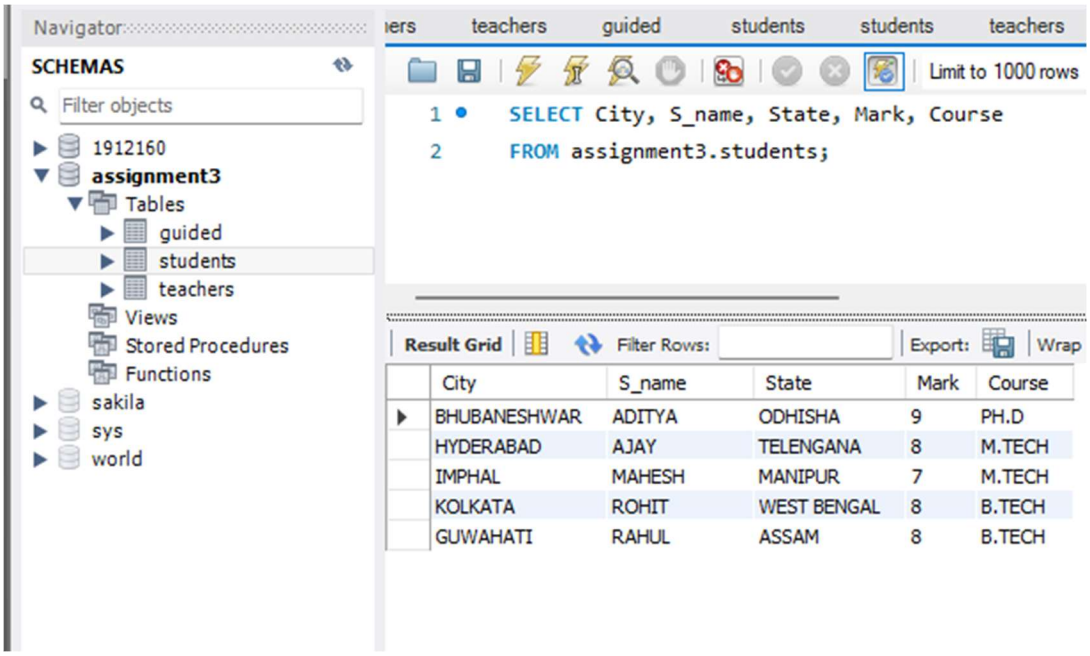
2. **Write a query that produces all rows from the Guided table for which the guide id is 19FCS003.**

➔ SELECT *
FROM assignment3.guided
WHERE G_id='19FCS003';



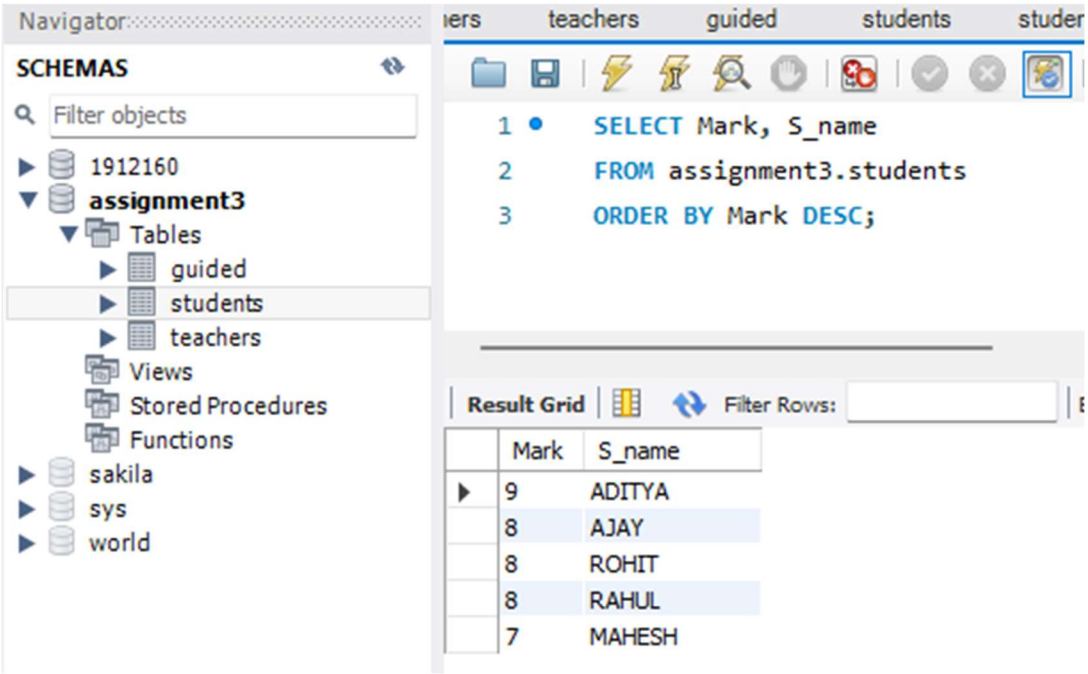
3. **Write a query that displays the Student table with the columns in the following order: city, s_name, state, marks_id, course.**

➔ SELECT City, S_name, State, Mark, Course
FROM assignment3.students;



4. **Write a select command that produces the mark followed by the name of each student in descending by its marks.**

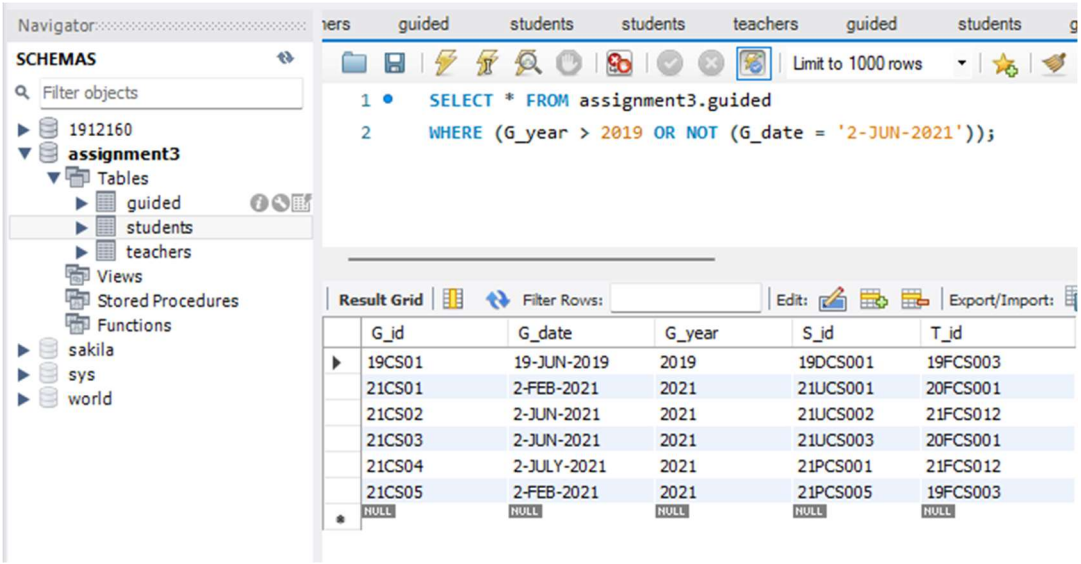
➔ SELECT Mark, S_name
FROM assignment3.students
ORDER BY Mark DESC;



5. **What will be the output from the following query?**
   Select * from GUIDED
   Where (g_year>2019 OR NOT (g_date = '2-JUN-2021'));

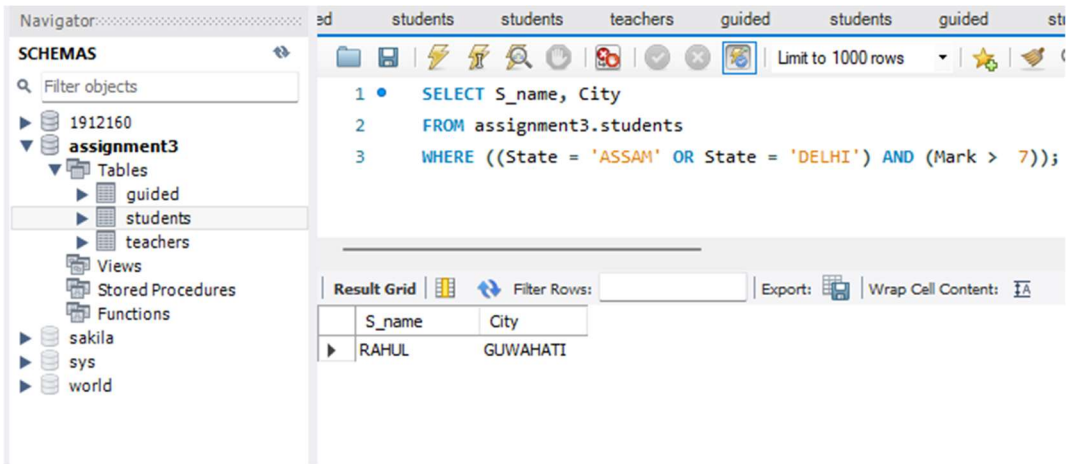
➔ GUIDED:

G_id	G_date	G_year	S_id	T_id
19CS01	19-JUN-2019	2019	19DCS001	19FCS003
21CS01	2-FEB-2021	2021	21UCS001	20FCS001
21CS02	2-JUN-2021	2021	21UCS002	21FCS012
21CS03	2-JUN-2021	2021	21UCS003	20FCS001
21CS04	2-JULY-2021	2021	21PCS001	21FCS012
21CS05	2-FEB-2021	2021	21PCS005	19FCS003



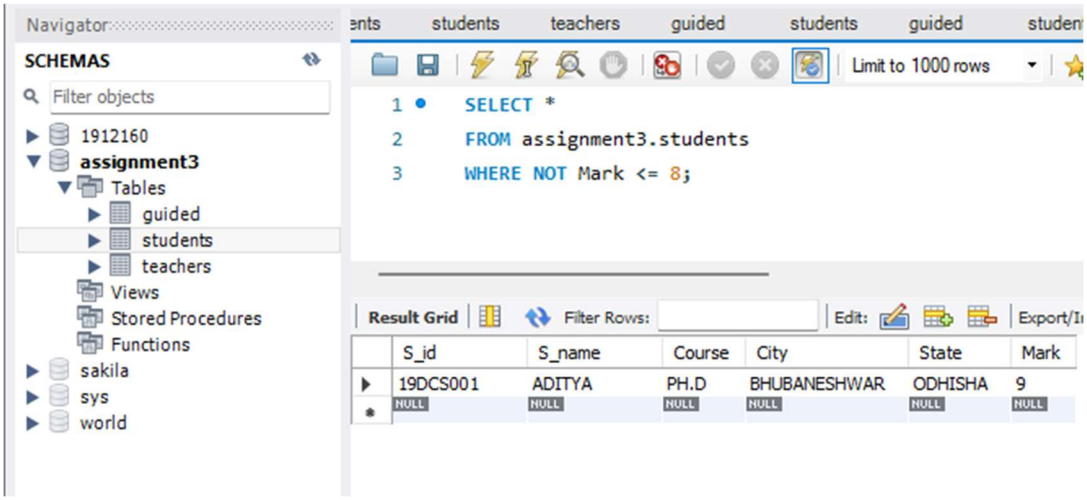
6. **Write a query that will give you the names and cities of all students in Assam and Delhi with marks above 7 CGPA.**

➔ SELECT S_name, City
FROM assignment3_students
WHERE ((State = 'ASSAM' OR State = 'DELHI') AND (Mark > 7));



7. **Write a query on the Student table whose output will exclude all students with a mark <=8.**

➔ SELECT *
FROM assignment3.students
WHERE NOT Mark <= 8;

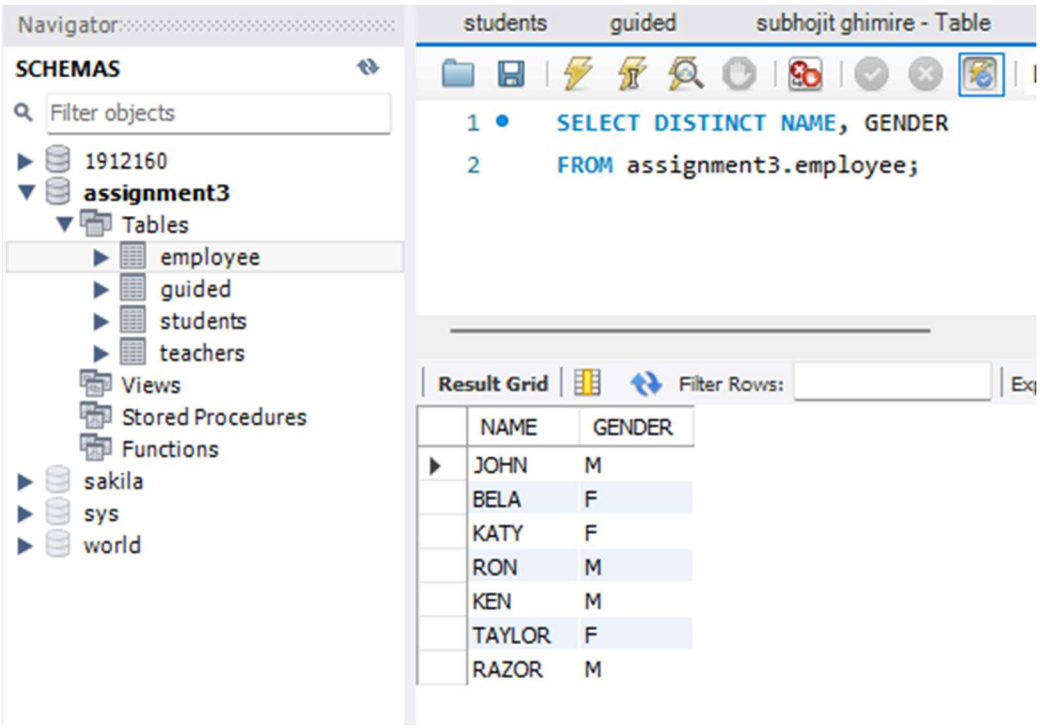


8. **Write a query that will produce the name and gender of all employees (supress the duplicates) in the table given below.**

EMPLOYEE

ID	DEPT_ID	GENDER	NAME	SALARY	E_ID
1	2	M	JOHN	1000	123
2	4	F	BELA	2000	313
3	3	F	KATY	2000	335
4	1	M	RON	2000	533
5	2	M	KEN	1000	563
6	2	M	JOHN	2000	321
7	4	F	TAYLOR	1000	312
8	3	F	TAYLOR	2000	442
9	3	M	RAZOR	1000	565

➔ SELECT DISTINCT NAME, GENDER
FROM assignment3.employee;



9. Write a query that will generate students names and s_id with marks >= 9 CGPA from the student table.

➔ SELECT S_name, S_id
FROM assignment3.students
WHERE Mark >= 9;