

Database Management System

(Lab Task No 05)



Session (2022-2026)

Program/Class

BS-Computer Science / 5rd Section-A

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Showing Table:

First of all I have shown the table that I have created in my database,

78

79 • `select * from Students;`

Result Grid | | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

	student_id	first_name	last_name	enrollment_year	major	gpa
▶	1	John	Doe	2022	CS	3.50
▶	2	Jane	Smith	2021	IT	3.70
	3	Alice	Johnson	2023	CS	3.70
	4	Bob	Lee	2021	IT	2.80
	6	Jamil	Shah	2021	IT	3.70

Students 11 x Apply Revert

Result Grid

Using OR Query:

I have used the **OR** query to find the student record with gpa= 3.5 and major = 'CS'.







[illegible]

Using 'AND' Query:

I have used the and query to show records with 3.5 in computer science department,

84

85 • `select * from Students where gpa=3.5 and major= 'CS';`







Result Grid						
Filter Rows: <input type="text"/>						
Edit:   						
Export/Import:  						
Wrap Cell Content: 						
	student_id	first_name	last_name	enrollment_year	major	gpa
▶	1	John	Doe	2022	CS	3.50
	10	Shaheer	Ali	2022	CS	3.50
*	NULL	NULL	NULL	NULL	NULL	NULL

Using UPDATE Query:

86

87 • `update Students set first_name = 'Mudasir' where student_id = 1;`

88 • `select* from Students;`

Result Grid						
Filter Rows: <input type="text"/>						
Edit:   						
Export/Import:  						
Wrap Cell Content: 						
	student_id	first_name	last_name	enrollment_year	major	gpa
▶	1	Mudasir	Doe	2022	CS	3.50
	2	Jane	Smith	2021	IT	3.70
	3	Alice	Johnson	2023	CS	3.70
	4	Bob	Lee	2021	IT	2.80
	6	Jamil	Shah	2021	IT	3.70

Students 16 x Apply

Output :

Action Output

#	Time	Action	Message
✓ 1	10:33:15	update Students set first_name = 'Mudasir' where student_id = 1	1 row(s) affected Rows matched: 1 Ch
✓ 2	10:33:31	select* from Students LIMIT 0, 100	8 row(s) returned

Using Delete Query:

I have deleted student_id no 4 , in the table Students, with the help of Delelet Command

```
89
90 • DELETE FROM Students WHERE student_id='8';
91 • select * from Students;
92
```

Result Grid

	student_id	first_name	last_name	enrollment_year	major	gpa
	2	Jane	Smith	2021	IT	3.70
	3	Alice	Johnson	2023	CS	3.70
	4	Bob	Lee	2021	IT	2.80
	6	Jamil	Shah	2021	IT	3.70
	9	Afaq	Ahmad	2022	CS	3.90

Students 18 × Apply Revert

Output