

MySqI - DML

Course Objective



To insert ,update and delete data to the tables in MySQL database.

Session Objective



DML – insert, update & delete

DML Commands



Insert Record



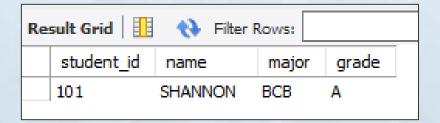
Syntax:

INSERT INTO table_name SET col_name1=value1, col_name2=value2, col_name3=value3, ...

Example:

INSERT INTO student SET student_id=101 , name='SHANNON',major='BCB',grade='A';

5 09:36:00 INSERT INTO student SET student_id=101 , name='SHANNON',major='BCB',grad... 1 row(s) affected



Retrieve Record



Syntax:

SELECT * from FROM table

Example:

SELECT * FROM student

Result Grid						
student_id	name	major	grade			
101	SHANNON	BCB	Α			
102	MIKE	BBMB	Α			
103	WANG	MCDB	В			



Retrieve Record with condition

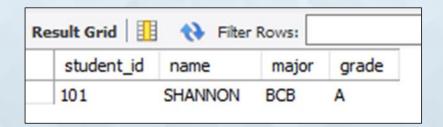


Syntax:

SELECT what_columns FROM table or tables WHERE condition

Example:

SELECT major, grade FROM student WHERE name='Shannon';



Update Record



Syntax:

UPDATE table_name
SET which columns to change
WHERE condition

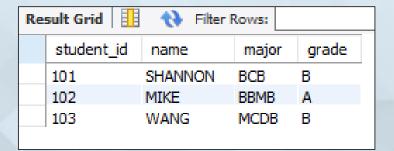
Example:

UPDATE student SET grade='B' WHERE name='Shannon';

14 09:48:11 UPDATE student SET grade='B' WHERE name='Shannon'

1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0

SELECT * FROM student;



Delete Record



Syntax:

DELETE FROM table_name WHERE condition

Example:

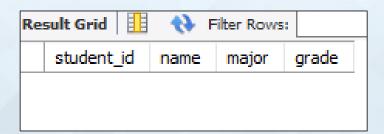
DELETE FROM student WHERE name='Shannon';

16 09:51:07 DELETE FROM student WHERE name='Shannon' 1 row(s) affected

DELETE FROM student;

18 09:52:21 DELETE FROM student 2 row(s) affected

Res	sult Grid 📗	43	Filter Rows:	
	student_id	name	major	grade
	102	MIKE	BBMB	Α
	103	WANG	MCDB	В



Will delete ALL student records!

ASSIGNMENT



3. DML







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