



DML Statements with examples



DML statements defined...

- DML is short name of Data Manipulation Language.
- Deals with data manipulation, and includes most common SQL statements such SELECT, INSERT, UPDATE, DELETE etc.
- It is used to store, modify, retrieve, delete and update data in database.



SELECT statements...

- The SELECT statement is used to select records from the table, with or without a condition.
- **Select** * from student - Gets all records of student table.
- **Select** * from student where rank > 5 - Gets records with the condition where students' rank is greater than 5.



Insert statements...

- INSERT statement is used to insert a set of values into a database table. Insert statement is used with Values.
- Insert Into Student (Rank, StudentName, Mark) Values (1,'Abbas',450)



Update statements...

- The UPDATE statement is used to update existing values in a table, which is based on some condition.
- **update** student **set** StudentName='Abbas' **where** StudentName='Imran'
- The query given above will update the student Name from Imran to Abbas.



Delete statements...

- Delete statement is used to delete the existing record in the table, which is based on some condition.
- **Delete from** Student **where** StudentName='Abbas'
- The query given above will delete records which has StudentName as Abbas.