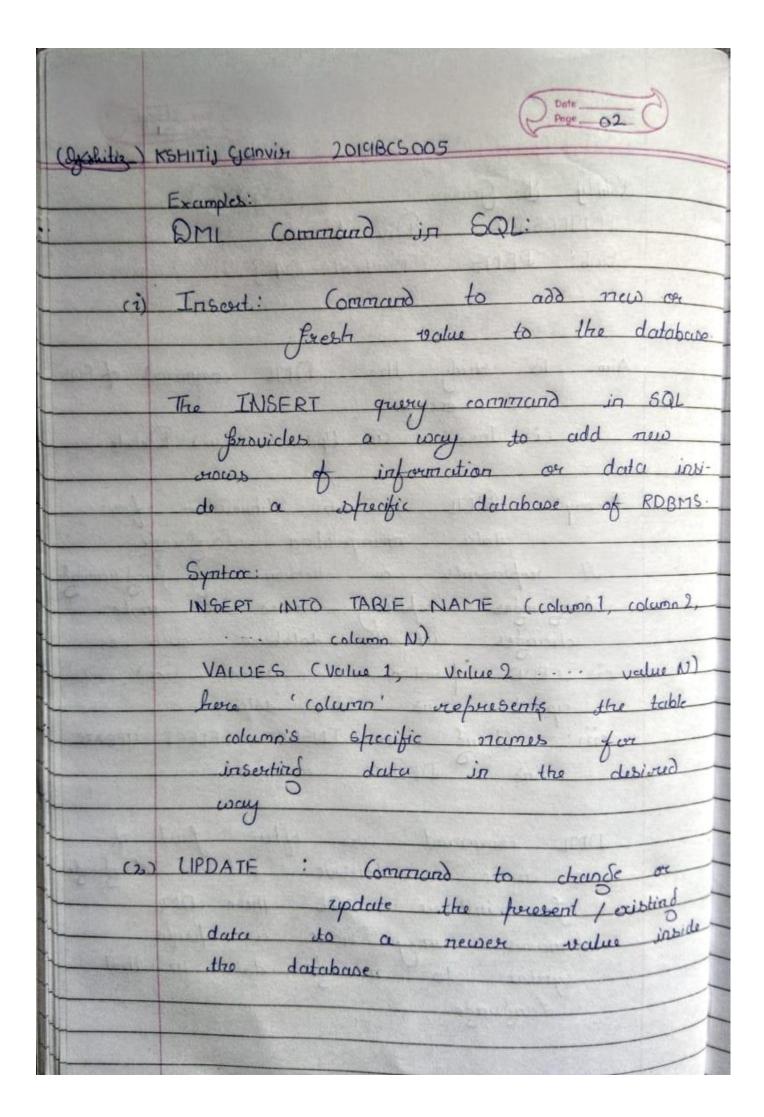


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	2019BCS005 Div: A:
	Sub: DBMS & Practical - 043
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	Aim: To study the DML command of SQL with example:
	(i) Insert (ii) Updale (iii) Delete.
	Theory: DML is an abbrevation for data manipulation Sanduagle.
	It represents a collection of producing
1	dourdundes explicitly used to make
	changes in the database such as
160	(1) (RUD oberation to create read
Shirt	update and delete data
	cii) Using the INSERT, SELECT, UPDATE.
1	and DELETE command.
	DML command are often frank of
	a more extensive database dansunde
	for instance SQL These DML
	Lang CI SHOURIC
	curtar to manage um a
	Landunde.
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(felitis:) Kehitij Garvir 2019BCS005
The Update command ferovides a way to chande / update ou modify the value fresent in a table's column.
Syntem:
OPPATE table name SET column 1 = value 1, column 2 = value 7,, coloum N = value N where you can add more condition usind OR or AND operators to make multiple changes using a single query:
(iii) DELETE: Command to nomove
data information from the database auvrent table: It ferovide a way to delete a single column or multiple column from table specific row.
Syntar: DELETE FROM table_nouse [WHERE conclind]; You can use the combinar of different operators to get more afrecisic or precise
rescult:

Examples:

INSERT:

Here is an example of adding five records in the customer database table:

INSERT INTO CUSTOMERS (ID,NAME,AGE,CITY,COMPENSATION)VALUES (1, Kritesh, 45, 'Delhi', 2500.00); INSERT INTO CUSTOMERS (ID,NAME,AGE,CITY,COMPENSATION)VALUES (2, Mehta, 35,Kochi, 1500.00); INSERT INTO CUSTOMERS (ID,NAME,AGE,CITY,COMPENSATION)VALUES (3, Preet, 32, Delhi, 7000.00); INSERT INTO CUSTOMERS (ID,NAME,AGE,CITY,COMPENSATION)VALUES (4, Sonali, 52, 'Kolkata', 3500.00); INSERT INTO CUSTOMERS (ID,NAME,AGE,CITY,COMPENSATION)VALUES (5, Ritwik, 56, Noida, 8500.00); And using the second syntax, you can add the record as that too:

INSERT INTO CUSTOMERSVALUES (6, 'Shubhra', 45, 'MP', 4500.00); And all the above records will fetch the following result on checking the CUSTOMERS table as following:

```
+--+---+ | ID | NAME | AGE | ADDRESS | SALARY | +--+---+ | 1 | Kritesh | 45 | Delhi | 2500.00 || 2 | Mehta | 35 | Kochi | 1500.00 || 3 | Preet | 32 | Delhi | 7000.00 || 4 | Sonali | 52 | Kolkata | 3500.00 || 5 | Ritwik | 56 | Noida | 8500.00 || 6 | Shubhra | 45 | MP | 4500.00 | +--+----+
```

UPDATE:

```
+--+---+ | ID | NAME | AGE | ADDRESS | SALARY | +--+---+
----+ 1 | Kritesh | 45 | Delhi | 2500.00 | 2 | Mehta | 35 | Kochi | 1500.00 | 3 |
Preet | 32 | Delhi | 7000.00 | | 4 | Sonali | 52 | Kolkata | 3500.00 | 5 | Ritwik | 56 | Noida |
8500.00 | 6 | Shubhra | 45 | MP | 4500.00 | +--+---+
Now you can update the address of the 5th customer with the following UPDATE Query.
SQL> UPDATE CUSTOMERSSET ADDRESS = 'Indore'WHERE ID = 5;
On checking, the customer records will fetch the following result:
+--+---+ | ID | NAME | AGE | ADDRESS | SALARY | +--+---+
----+| 1 | Kritesh | 45 | Delhi | 2500.00 || 2 | Mehta | 35 | Kochi | 1500.00 || 3 |
Preet | 32 | Delhi | 7000.00 | | 4 | Sonali | 52 | Kolkata | 3500.00 | 5 | Ritwik | 56 | Indore |
8500.00 | 6 | Shubhra | 45 | MP | 4500.00 | +--+---+
And in case you are looking to change the Salary and address of the whole customer database, you
can do so with the help of the below-mentioned guery:
SQL> UPDATE CUSTOMERSSET ADDRESS = 'Indore', SALARY = 3000.00;
+--+---+ | ID | NAME | AGE | ADDRESS | SALARY | +--+---+
----+ 1 | Kritesh | 45 | Indore | 3000.00 || 2 | Mehta | 35 | Indore | 3000.00 || 3 |
Preet | 32 | Indore | 3000.00 | 4 | Sonali | 52 | Indore | 3000.00 | 5 | Ritwik | 56 | Indore |
3000.00 | 6 | Shubhra | 45 | MP | 3000.00 |+--+---+
```

DELETE:

Example:

```
+--+----+ | ID | NAME | AGE | ADDRESS | SALARY | +--+---+ | ----+ | 1 | Kritesh | 45 | Delhi | 2500.00 || 2 | Mehta | 35 | Kochi | 1500.00 || 3 | | Preet | 32 | Delhi | 7000.00 || 4 | Sonali | 52 | Kolkata | 3500.00 || 5 | Ritwik | 56 | Indore | 8500.00 || 6 | Shubhra | 45 | MP | 4500.00 | +--+----+ | And the DELETE query for ID 3 would then be:
```

SQL> DELETE FROM CUSTOMERSWHERE ID = 3;

Now the database will look something like this:

You can also the use following command to DELETE all customers from a given database:

SQL> DELETE FROM CUSTOMERS;

This will delete all records of the customers from a specific database, respectively.