



DBMS EXPERIMENT 2:

DML Commands – INSERT, SELECT, UPDATE, DELETE

Create a table Bank with the fields S_No , Cust_Name, Acc_No,Balance, cus_Branch. Insert five rows into the table. Give a select statement using Simple Select * for selecting all fields in the table. Then **Update** the Cus_Branch in the second row as Pondicherry. SELECT with various clause

OUTPUT:

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create room;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'room' at line 1
mysql> create database room;
Query OK, 1 row affected (0.15 sec)

mysql> use room;
Database changed
mysql> create table bank (S_NO int(4),Cust_Name char(10),Acc_no int(10),Balance int(10),cus_Branch char(10));
Query OK, 0 rows affected, 3 warnings (1.05 sec)

mysql> describe bank;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| S_NO  | int  | YES  |     | NULL    |       |
| Cust_Name | char(10) | YES  |     | NULL    |       |
| Acc_no | int  | YES  |     | NULL    |       |
| Balance | int  | YES  |     | NULL    |       |
| cus_Branch | char(10) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.10 sec)

mysql> insert into bank (1,'BHANU',192211078,2000,'CHENNAI'),(2,'SUJITH',192211075,5000,'NELLORE'),(3,'PARDHU',192211077,6000,'KADAPA');
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '1,'BHANU',192211078,2000,'CHENNAI'),(2,'SUJITH',192211075,5000,'NELLORE'),(3,'PA' at line 1
mysql> insert into bank (1,'sujith',20001028,20000,'nellore'),(2,'pardhu',20001029,30000,'kadapa');
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '1,'sujith',20001028,20000,'nellore'),(2,'p' at line 1
mysql> insert into bank values (1,'Bhanu',192211078,2000,'chennai'),(2,'charmi',192211077,3000,'andhra'),(3,'trisha',192211099,6000,'bengal');
Query OK, 3 rows affected (0.10 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> select * from bank;
+-----+-----+-----+-----+-----+
| S_NO | Cust_Name | Acc_no | Balance | cus_Branch |
+-----+-----+-----+-----+-----+
| 1    | Bhanu    | 192211078 | 2000    | chennai    |
| 2    | charmi   | 192211077 | 3000    | andhra     |
| 3    | trisha   | 192211099 | 6000    | bengal     |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> update bank set balance = 5000 where Cust_Name = 'trisha';
Query OK, 1 row affected (0.11 sec)
Rows matched: 1 Changed: 1 Warnings: 0
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Query OK, 3 rows affected (0.10 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> select * from bank;
+-----+-----+-----+-----+-----+
| S_NO | Cust_Name | Acc_no | Balance | cus_Branch |
+-----+-----+-----+-----+-----+
| 1 | Bhanu | 192211078 | 2000 | chennai |
| 2 | charmi | 192211077 | 3000 | andhra |
| 3 | trisha | 192211099 | 6000 | bengal |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> update bank set balance = 5000 where Cust_Name = 'trisha';
Query OK, 1 row affected (0.11 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> select * from student;
ERROR 1146 (42S02): Table 'room.student' doesn't exist
mysql> select * from bank;
+-----+-----+-----+-----+-----+
| S_NO | Cust_Name | Acc_no | Balance | cus_Branch |
+-----+-----+-----+-----+-----+
| 1 | Bhanu | 192211078 | 2000 | chennai |
| 2 | charmi | 192211077 | 3000 | andhra |
| 3 | trisha | 192211099 | 5000 | bengal |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> delete from bank where Cust_Name = 'bhanu';
Query OK, 1 row affected (0.13 sec)

mysql> select * from bank;
+-----+-----+-----+-----+-----+
| S_NO | Cust_Name | Acc_no | Balance | cus_Branch |
+-----+-----+-----+-----+-----+
| 2 | charmi | 192211077 | 3000 | andhra |
| 3 | trisha | 192211099 | 5000 | bengal |
+-----+-----+-----+-----+-----+
2 rows in set (0.02 sec)

mysql> .

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