

DBMS Practical List - 4
Platform : Oracle Express
Implementation of DML commands of SQL with suitable examples

1. Create a table student with following attributes :

Roll No	Number	6
Name	varchar	15
City	varchar	12
Pincode	varchar	8
Age	Number	2

2. Display the structure of table
3. Insert the following data into the table (Enter as it is)

Roll No	Name	City	Pincode	Age
1	Amit	Delhi	214213	21
2	Kumar	Bombay		25
3	Kshitij	Madras	110101	16
4	Puneet	Calcutta	110107	18
5	Rohit	Delhi	502207	19
6	Karnal	Dehradun		28
7	Shweta	Dehradun	98102	23
8	Mohit	Bombay	12434	22
9	Pankaj	Bombay		17
10	Parul	dELhi	76312	24
11	Rohit	Baroda	12131	29

4. Show all records
5. Show names of all students living in Delhi.
6. Insert the following data further into the same table.

2	Gaurav	Rampur	312125	
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	Manish		314136	
14	Aviral		319143	29
15		Gwalior	313149	25

7. Write queries for the following :-

- i. Assign Roll No. "13" to Manish.
- ii. Assign the name "Abhijeet" to Roll No. 15
- iii. Set the cities of Roll No. 13 & 14 to "Meerut"
- iv. Increase all age by 3 years.
- v. Set the age of all students living in Meerut to "25".
- vi. Add a new column named "Balance", type number"(6) to the student table.
- vii. Set the balance of all students to Rs. 20,000/-
- viii. Increase the balance by Rs. 500/- for all Bombay & Delhi students.
- ix. Show the total balance due from all students.
- x. Show the maximum balance.
- xi. Increase the size of "balance" column to 10.
- xii. Reduce the size of city to "10"
- xiii. Create a new table "student2" as a copy of student with all records from student table.
- xiv. Show the structure of student2
- xv. Delete the records of those students from "student2" who are greater or equal to 25 years.
- xvi. Show all records of student2 table
- xvii. Change the name of student2 to "Newstudent"
- xviii. Delete all records from "newstudent"
- xix. Drop the "newstudent" table.
- xx. Again create the "Newstudent" table similar to student table but this time do not copy the record, only the structure.

- xxi. Create a new table named “BCA” with only three columns Roll No, Name & balance, similar to student table. (Create with the help of student table only & also copy its data)