**17-03-2025**

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Drop command Vs Truncate Command:

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drop:

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 -> used to delete the entire table from the oracle database.

 Syntax:

 drop table <table-name>;

truncate:

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 -> used to delete all the records (rows/tuples) from the table permanently.

 Syntax:

 truncate table <table-name>;

**Q-1: Is it possible to retrieve and restore the dropped tables?**

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Ans: Yes

Ex: Windows ==> Recycle bin

to maintain the deleted data/files

when we need we can retrieve it back.

Oracle ==> Oracle recycle bin

can store all the dropped tables.

i) retrieving of dropped table from oracle recycle bin:

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-> Create the table:

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create table dummyTable(

id number(3),

name varchar(30),

age number(2),

gender varchar(10)

);

-> insert the data into table:

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insert into dummyTable values (102,'Keshav',35,'Male');

-> Drop the table:

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drop table dummyTable;

-> Retrieving of the dummy table:

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select \* from recyclebin;

ii) Restore the table from recycle bin:

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flashback table dummyTable to before drop;

-> finally display the data after the restore:

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select \* from <table-name>;

Q-2: Is it possible to delete the dropped table from recycle bin of oracle database?

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or

Can you explain the importance of the purge command?

Ans: Yes

using “purge” command

Syntax:

 purge table <table-name>;

Note:

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We cannot retrieve or restore the data when we can use delete for the deleting of table because like truncate, delete also maintain the structure of the table as same.

Q-3: Write a SQL query to know the all users under the DBA?

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select \* from all\_users;

Q-4: Is it possible to delete the user account?

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Yes

Syntax:

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 drop user <user-name> cascade;

Note:

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to drop the user, we must be login with "DBA".

Truncate Vs Delete:

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Truncate can delete all the records from the table permanently at a time.

Where as the drop can delete all the records from the table or can delete the specific record based on the condition.

truncate table <table-name>; ==> can delete all records

delete from <table-name>; ==> can delete all records

delete from <table-name> where <condition>; ==> can delete based on the condition