Table

#Create table:emp

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\* conn u1/u1 : emp

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\* create table emp ( eno number(5),ename varchar2(6),Sal number(5),doj date,eloc varchar2(6));

\* table created

# To avoid duplicate entries create table with constraints:

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#Constraints:

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1. unique. = it won’t allow duplicates

2. Not null. =.it won’t allow empty rows

3. Primary key. = unique + not null

4. Check.

\* create table t1 ( no number(5)primary key,ename varchar2(10),eloc varchar2(10));

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# Insert data into table:

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\* insert into emp values (1, ‘mouli’, 20000, sysdate, ‘hyd’);

# data inserted

\* commit [ to save]

If not

\* roll back

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# update a table:

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\* update tablename set sal=30000 where eno=1;

[ update emp set Sal= 30000 where

eno=1;]

\* after update ‘commite’ to save changes

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# To delete information in table:

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\* delete from tablename where eno=1;

[ delete from emp where eno=1;]

\* after delete we have to ‘commit’ .

\* if we don’t want to delete Rollback before commit.

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# To add new column to the table:

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\* alter table tablename add email varchar2(10);

[ alter table emp add email varchar2(10);]

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# To modify the table column:

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To increase column lettering

\* alter table tablename modify email varchar2(15);

\* alter table emp modify email varchar2(15);

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# Rename a table column name:

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\* Alter table tablename rename column old name to new name;

[ alter table emp rename column email to gmail; ]

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# To drop a column in table:

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\* alter table tablename drop column name;

[ alter table emp drop column gmail;]

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# To Rename table :

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\* rename old tablename to new tablename;

[ rename emp to demp;]

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# To check number of records count in table:

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\* select count (\*) from tablename;

[ select count (\*) from demp; ]

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# To check table size :

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\* desc dba\_segments

\* select sum(bytes/1024/1024) from dba\_segments where owner=‘username’ and segment\_name=‘tablename’;

[ select sum(bytes/1024/1024) from

dba\_segments where owner=‘u1’ and

segment\_name=‘DEMP’; ]

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# Truncate table:

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\* if we truncate a table it will delete all the records in the table .and table will present.and the size of deleted records will given back to OS.

\* truncate table tablename;

[truncate table demp ;]

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# Delete table:

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\* if we delete a table .it delete records in it and table .and won’t give back the storage to OS.it will delete meta data.

\* Delete tablename;

[ delete demp;]

\* commit;

(OR)

\* delete from emp where eno= 1;( to delete employe data)

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# Drop table:(restore dropped table)

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\* drop table t1;

\* if we drop a table it will go to recycle bin . And we can restore this table .

\* flashback table t1 to before drop;

If we want to drop a table permanently .

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\* drop table t1 purge;

# invisible column:

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\* while creating table we can set ‘invisible ‘ option to any column.

# To make it visible:

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\* alter table t1 modify (Sal visible);

\* Alter table t1 modify (Sal invisible);

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