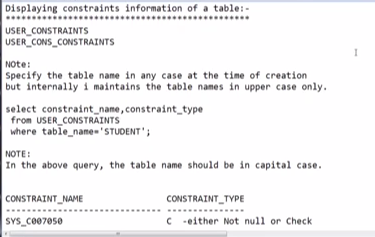
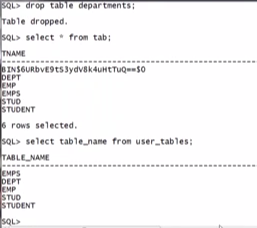
Naming the constraints

Constraint\_columnName\_TableName



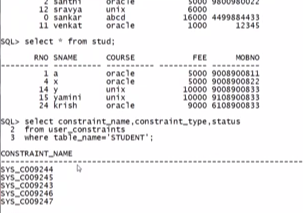


SQL> -- select \* from tab; gives the information of tables from recycle bin also.

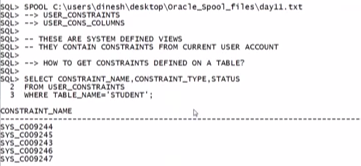
SQL> --select table\_name from user\_tables; doesnot display the deleted tables information.

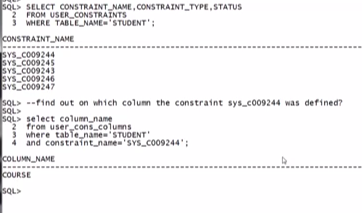
select constraint\_name from user\_constraints; available constraints will be displayed.

select constraint\_name from user\_constraints where table\_name = 'student';



Constraints showing in some code, so we need to give some names to understand better on which column it is defined.





We can find the constraint on which column it is defined by using above command.

SQL> select constraint\_name from user\_constraints where table\_name = 'student';

no rows selected

SQL> select constraint\_name, status from user\_constraints where table\_name='stud';

no rows selected

SQL> select constraint\_name, status from user\_constraints where table\_name='STUD';

CONSTRAINT\_NAME STATUS

------------------------------ --------

SYS\_C007021 ENABLED

SYS\_C007022 ENABLED

SYS\_C007023 ENABLED

SYS\_C007024 ENABLED

SYS\_C007025 ENABLED

SYS\_C007026 ENABLED

SYS\_C007027 ENABLED

SYS\_C007028 ENABLED

SYS\_C007029 ENABLED

SYS\_C007030 ENABLED

10 rows selected.

SQL> select constraint\_name, constraint\_type, status from user\_constraints where table\_name='STUD';

CONSTRAINT\_NAME C STATUS

------------------------------ - --------

SYS\_C007021 C ENABLED

SYS\_C007022 C ENABLED

SYS\_C007023 C ENABLED

SYS\_C007024 C ENABLED

SYS\_C007025 C ENABLED

SYS\_C007026 C ENABLED

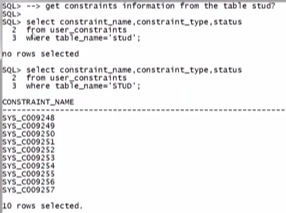
SYS\_C007027 C ENABLED

SYS\_C007028 C ENABLED

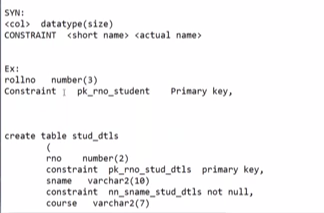
SYS\_C007029 P ENABLED

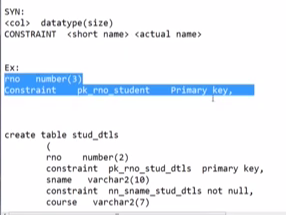
SYS\_C007030 U ENABLED

10 rows selected.



Instead of sys defined numbers , we can define user defined constraint names.





SQL> --create a table and creating user defined constraint names.

SQL> create table s

2 (

3 rno number(2) constraint pk\_rno\_s primary key,

4 constraint ck\_rno\_s check(rno between 1 and 99),

5 sname varchar2(10) constraint nn\_sname\_s not null,

6 );

)

\*

ERROR at line 6:

ORA-00904: : invalid identifier

SQL> ed

Wrote file afiedt.buf

1 create table s

2 (

3 rno number(2) constraint pk\_rno\_s primary key,

4 constraint ck\_rno\_s check(rno between 1 and 99),

5 sname varchar2(10) constraint nn\_sname\_s not null

6\* )

SQL> /

Table created.

SQL> insert into s values(1, 'scsr');

1 row created.

SQL> select constraint\_name, constraint\_type, status from user\_constraints where table\_name='s';

no rows selected

SQL> select constraint\_name, constraint\_type, status from user\_constraints where table\_name='S';

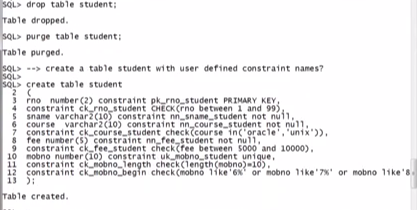
CONSTRAINT\_NAME C STATUS

------------------------------ - --------

NN\_SNAME\_S C ENABLED

CK\_RNO\_S C ENABLED

PK\_RNO\_S P ENABLED



SQL> insert into s values(2, 'scsr');

1 row created.

SQL> insert into s values(2, 'sai');

insert into s values(2, 'sai')

\*

ERROR at line 1:

ORA-00001: unique constraint (SYSTEM.PK\_RNO\_S) violated

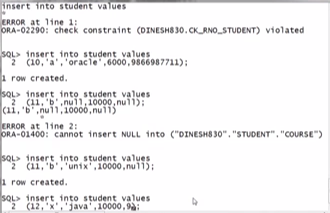
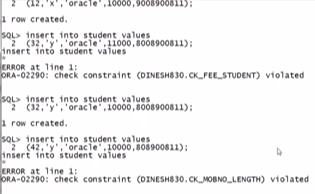
SQL> insert into s(rno) values(3);

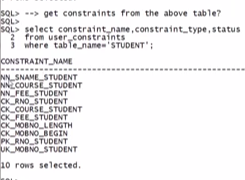
insert into s(rno) values(3)

\*

ERROR at line 1:

ORA-01400: cannot insert NULL into ("SYSTEM"."S"."SNAME")

* Here we can find easily what is the error, acc. To constraint name.
* 
* 



We should not repeat constraint name in same user account