Constraint - Check

create table arnold (

id number(10) constraint pk\_ids primary key,

m1 number(20) constraint ch\_m1 check (m1 > 0 and m1 < 100),

m2 number(20),

m3 number(20)

);

Table created.

SQL> insert into arnold (id,m1,m2,m3) values (&id,&m1,&m2,&m3);

Enter value for id: 1

Enter value for m1: 66

Enter value for m2: 22

Enter value for m3: 66

old 1: insert into arnold (id,m1,m2,m3) values (&id,&m1,&m2,&m3)

new 1: insert into arnold (id,m1,m2,m3) values (1,66,22,66)

1 row created.

alter table arnold add constraint ch\_m2 check (m2 > 0 and m2 <100);

SQL> alter table arnold add constraint ch\_m2 check (m2 > 0 and m3 <100);

Table altered.

SQL> insert into arnold (id,m1,m2,m3) values (&id,&m1,&m2,&m3);

Enter value for id: 1

Enter value for m1: -5

Enter value for m2: 155

Enter value for m3: 120

old 1: insert into arnold (id,m1,m2,m3) values (&id,&m1,&m2,&m3)

new 1: insert into arnold (id,m1,m2,m3) values (1,-5,155,120)

insert into arnold (id,m1,m2,m3) values (1,-5,155,120)

\*

ERROR at line 1:

ORA-02290: check constraint (ANAND.CH\_M2) violated

SQL> /

Enter value for id: 2

Enter value for m1: 5

Enter value for m2: 45

Enter value for m3: 98

old 1: insert into arnold (id,m1,m2,m3) values (&id,&m1,&m2,&m3)

new 1: insert into arnold (id,m1,m2,m3) values (2,5,45,98)

1 row created.

SQL> alter table arnold drop constraint ch\_m2;

Table altered.

SQL> alter table arnold disable constraint ch\_m2;

Table altered.

SQL> /

Enter value for id: 6

Enter value for m1: 55

Enter value for m2: 5665

Enter value for m3: 456

old 1: insert into arnold (id,m1,m2,m3) values (&id,&m1,&m2,&m3)

new 1: insert into arnold (id,m1,m2,m3) values (6,55,5665,456)

1 row created.

SQL> alter table arnold enable constraint ch\_m2;

alter table arnold enable constraint ch\_m2

\*

ERROR at line 1:

ORA-02293: cannot validate (ANAND.CH\_M2) - check constraint violated

(The enable is not possible because assign a high val)