**Alter Table :**

**ADD column**

alter table customers

add email varchar2(25);

A close-up of a white background

Description automatically generated

alter table customers

add city varchar2(40) default ’seattle’;

A close-up of a white background

Description automatically generated

alter table customers

add (phone number(10),

city\_name varchar2(50) DEFAULT ’Mumbai’);

**A close-up of a white background

Description automatically generated**

**Modify Column in Table:**

Single Column:

Syntax:

Alter Table table\_name

MODIFY column\_name column\_type;

Alter table customers

MODIFY city\_name varchar2(100) not null;

A black text on a white background

Description automatically generated

Desc customers;

A screen shot of a computer

Description automatically generated

Multiple Column:

Syntax:

Alter table table\_name

Modify( col\_name column\_type,

col\_name1 column\_type

);

Alter table customers

Modify( cname varchar2(100)

,address varchar2(500)

);

A white background with black text

Description automatically generated

Desc customers;

A white background with black text

Description automatically generated

**DROP:**

Alter table table\_name

Drop column\_name;

Alter table customers

Drop column city\_name;

A close-up of a text

Description automatically generated

**RENAME:**

Alter table table\_name

Rename COLUMN old\_name TO new\_name;

Alter table customers

Rename COLUMN CITY to CITY\_NAME;

A close up of a sign

Description automatically generated

Desc customers;

A white screen with black text

Description automatically generated

Rename table;

Alter table table\_name

Rename to new\_name;

Alter table customers

Rename to consumers;

A white background with black text

Description automatically generated

Desc consumers;

A screen shot of a computer

Description automatically generated

**Alter Constraint**

Alter table table\_name

Add CONSTRAINT constraint\_name primary Key(col\_name1,column2,…n);

Alter table supplier

Add constraint supplier\_pk PRIMARY KEY (supplier\_id);

A white background with black text

Description automatically generated

**DROP CONSTRAINT:**

Alter table table\_name

Drop constraint constraint\_name;

Alter table supplier

Drop constraint supplier\_pk;

A white screen with black text

Description automatically generated

Create table Product(

PID int,

PNam varchar2(50),

PPrice Number(10,2)

);

A screenshot of a computer

Description automatically generated

A black and white image of a couple of words

Description automatically generated with medium confidence

Add Constraint

Alter table Product

Add constraint product\_pk PRIMARY KEY (PID);

A black text on a white background

Description automatically generated

Drop Constraint

Alter table Product

Drop constraint product\_pk;

A close-up of a white background

Description automatically generated

**Disable Constraint:**

Alter table employee

Disable constraint age\_check;

A close-up of a white background

Description automatically generated

Alter table employee

Enable constraint age\_check;

A black text on a white background

Description automatically generated

**Exercise**

Q. Add column credit to table

Alter table consumers

Add credit number(10,5);

A white background with black text

Description automatically generated

Desc consumers;

A screen shot of a computer

Description automatically generated

Q. Change the size of salary to (12,2) and default value to 10000

Alter table consumers

Modify salary number(12,2) default 10000.00;

A black text on a white background

Description automatically generated

Desc consumers;

A screen shot of a computer

Description automatically generated

Q.Add column contact

Alter table consumers

Add contact varchar2(10);

A close-up of a text

Description automatically generated

Q. Rename contact to phone in consumers table

Alter table consumers

Rename column contact to phone;

A close-up of a sign

Description automatically generated

Desc consumers;

A screen shot of a computer

Description automatically generated

Q. drop constraint for age

Alter table employee

Drop constraint age\_check;

A white background with black text

Description automatically generated

Q. add constraint

1. Salary should be more than 2000

2. Age more than 1

Alter table consumers

Add CONSTRAINT salary\_check check(salary > 4000)

Add Constraint age\_check check(age>1);

A close-up of a check

Description automatically generated

Q. Remove constraint : salary should be more than 4000

Alter table consumers

Drop constraint salary\_check;

A close-up of a sign

Description automatically generated

Q. Delete phone from consumer;

Alter table consumers

Drop column phone;

A close-up of a white background

Description automatically generated

Desc consumers;

A screen shot of a computer

Description automatically generated

**DROP TABLE :** delete table from database

Drop table table\_name [CASCADE];

Drop table Product;

A white screen with black text

Description automatically generated

Q. Create table

create table ott(

contentID varchar2(5)

,title varchar2(20) not null

,description varchar2(20)

,releaseDate varchar2(20)

,genre varchar2(10)

,director varchar2(20)

,seasons int

,episodeCount int default 25

,duration int

,rating varchar2(5) not null

,Price int

,availablity varchar2(5)

,langugae varchar2(20)

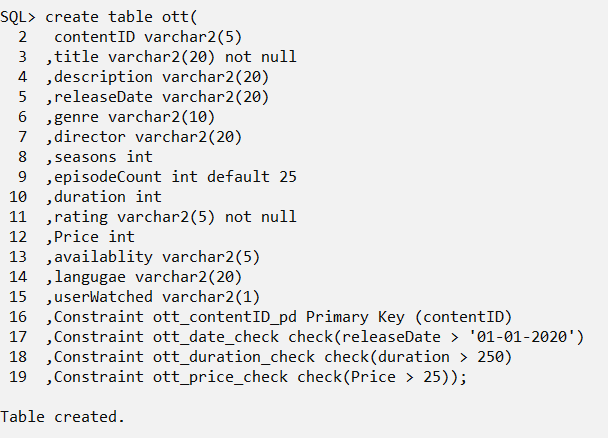
,userWatched varchar2(1)

,Constraint ott\_contentID\_pd Primary Key (contentID)

,Constraint ott\_date\_check check(releaseDate > '01-01-2020')

,Constraint ott\_duration\_check check(duration > 250)

,Constraint ott\_price\_check check(Price > 25));

****