Quick Reference:

[SQL Commands (oracle.com)](https://docs.oracle.com/cd/B19188_01/doc/B15917/sqcmd.htm)

CREATE SCHEMA STUDENT AUTHORIZATION STUDENT

Create database dbname

CREATE TABLE ot.persons(

person\_id NUMBER GENERATED BY DEFAULT AS IDENTITY,

first\_name VARCHAR2(50) NOT NULL,

last\_name VARCHAR2(50) NOT NULL,

PRIMARY KEY(person\_id)

);

CREATE TABLE identity\_demo (

id NUMBER GENERATED ALWAYS AS IDENTITY,

description VARCHAR2(100) NOT NULL

);

ALTER TABLE persons MODIFY(

phone VARCHAR2(20) NOT NULL,

email VARCHAR2(255) NOT NULL

);

CREATE TABLE accounts (

account\_id NUMBER GENERATED BY DEFAULT AS IDENTITY,

first\_name VARCHAR2(25) NOT NULL,

last\_name VARCHAR2(25) NOT NULL,

email VARCHAR2(100),

phone VARCHAR2(12) ,

full\_name VARCHAR2(51) GENERATED ALWAYS AS(

first\_name || ' ' || last\_name

),

PRIMARY KEY(account\_id)

);

INSERT INTO accounts(first\_name,last\_name,phone)

VALUES('Trinity',

'Knox',

'410-555-0197');

INSERT INTO accounts(first\_name,last\_name,phone)

VALUES('Mellissa',

'Porter',

'410-555-0198');

INSERT INTO accounts(first\_name,last\_name,phone)

VALUES('Leeanna',

'Bowman',

'410-555-0199');

ALTER TABLE accounts

MODIFY full\_name INVISIBLE;

ALTER TABLE parts

ADD (

capacity\_description AS (

CASE

WHEN capacity <= 8 THEN 'Small'

WHEN capacity > 8 AND capacity <= 16 THEN 'Medium'

WHEN capacity > 16 THEN 'Large'

END)

)

SELECT

TO\_CHAR( SYSDATE, 'FMMonth DD, YYYY' )

FROM

dual;

SELECT

name,

address,

credit\_limit

FROM

customers

ORDER BY

name DESC;

SELECT

DISTINCT state

FROM

locations

ORDER BY

state NULLS FIRST;

SELECT

order\_id,

customer\_id,

status,

order\_date

FROM

orders

WHERE

order\_date BETWEEN DATE '2016-12-01' AND DATE '2016-12-31'

ORDER BY

order\_date;