Inner join

Left outer join

Right outer join

Group by

Haing

Avg

Finding top rows

Primay key

Forgein key

Use cases:

Tables for employee management system

Tables for Library management system

Tables for Library management system

**Some basic SQL knowledge**

**1.       What is a primary key?**

It’s a special RDB table column designated to uniquely identify all records.

Used for unique value to each row and not contain null value. Only one primary key allowed for each table.

CREATE TABLE ACCOUNT

(

ACCOUNT\_ID NUMBER(38,0) NOT NULL ENABLE,

START\_DATE DATE NOT NULL ENABLE,

STATUS VARCHAR2(4 CHAR),

CONSTRAINT ACCT\_PK PRIMARY KEY (ACCOUNT\_ID)

);

**2.       How to change values of a column (UPDATE)**

By using WHERE to change all values in column.

UPDATE Customers

SET ContactName='x'

WHERE Country='x';

**3.       How to delete a column from a table (alter table drop column)**

**If you want to drop single column**

alter table

table\_name

drop column

col\_name1; -- drop one column

**if you want to drop whole column**

alter table

table\_name

set unused column

column\_name;

alter table

table\_name

drop unused columns;

**4.       How to add a row into a table (insert into table)**

**To insert a single row into a table**

INSERT INTO table\_name (column names)

VALUES (Insert values);