IMPORTANT SQL QVERIES we are using:

Database:

create database databasename
use databasename

field selet:

[selet field from tablename
                    where conditions]

Rename Field in column:

-> student table

-> sprename 'tablename.field', 'new name', 'column'

columns add/drop/datatype change (ALTER COMMAND):

alter table tablename add columnname (datatype)
alter table tablename drop column columnname
alter table tablename alter column field newdatatype.

UPPATE the values in the Field of table:

update tablename set fieldname = fieldname + 6

MAKE PUPLICATE TABLE of BACPUP OF TABLE:

select * into newtablename from oldtablename

DELETE A COMPLETE TABLE:

delete from tablename
delete from tablename where (condition)

JOINS:

select T1.field, T2.field from T1 INNER JOIN T2 ON T1.CF=T2.CF

(T1) -> Table one   (CF) -> COMMON Field
(T2) -> Table two

CONSTRAINTS:

NOT null:

field datatype not null ←(create)

alter table tablename alter column→(newly create)

Column datatype not null.

UNIQUE : [HAVE CONSTRAINTS]

field datatype unique ←(create)

alter table tablename add constraint constraintname unique.
↳— fieldname

(newly create)

alter table tablename drop constraint constraintname →(fie
↳— fieldname

CHECK : [HAVE CONSTRAINTS]

field datatype check (field >1000)→(create)

alter table tablename add constraint constraintname
check (field <1000) ——→ (newly create)

alter table tablename drop constraint constraintname
↳—(drop)

DEFAULT: [HAVE CONSTRAINTS]

field datatype default value. →(create)

alter table tablename add constraint constraintname default
↳— value for fieldname

(newly create) ←— value for fieldname

alter table tablename drop constraint constraintname→(drop)

PRIMARY KEY:

field datatype primary key → (create)

(SYNTAX(3)): Newly (create)

alter table tablename altu column field not null.

altu table tablenam add constraint constraitname PK (F) add

altu table tablenam drop constraint constraitname → (drop)

FOREIGN KEY:

field datatype foreign key reference :T1 (field) → (create)

altu table tablename add constraint constraitname fwuign

newly(create) → key (field) reference tablenam1 (field)

(drop) → altu table tablename drop constraint constraitname

IF WE DONT HAVE FIELD in table an age we creating

for the new field then .

altu table tablenam add column field datatype

then Execute thru constraint commands

MAJOR QUESTIONS QVERY:

select count(*) → all field count

where name like 'o1o m' → end with 'm'

where name like ('m'%') → Start with 'm'

where name like '__m?' → find a — search.

where name like "%m%" → contains 'm'

where department = 'hr' or department = 'Dev' → either

select max(field) FROM tablename where → total salary

without giving field How to insert:

Insert into tablename (field1, field2, field3) values(1,2,3).

Aliasname:

select fulname as newfieldname from tablename.

UPPER:

Select upper (fieldname) as newcolumnname from table

FIRST 3 letty/charyacts:

Select left (fieldname, 3) as columnname from table

ORDER BY ASC OR DESC:

Select * from tablename order by fieldname

2 Names or filed display:

(S*FT) where fieldname IN ('fieldname', 'fieldname2')

GROUPING & summing

Select mainfieldname, SUM (fieldname) as columname
from tablename group by mainfieldname

Between two values or date:

(S*FT) where filed (field) BETWEEN value1 and value

date	datetime	year	getdate	→ date function in SQL

Replace a name with other name :

Select Replace (fieldname, 'a', 'A') as columnname from

tablename

DISTINCT Function:

Select distict field from tablename.

TOP function:

Select top 5 * from tablename order by desc