Basic\_sql\_quaeies :

1. **Data\_retrieve**

Syntax:

Select \*

From table\_name (total table display)

* Only particular columns display

Syntax:

Select col1,col2

From table\_name (only two colums information displays)

1. Create table

Create table table\_name (columns\_name(data\_type) separated by (,) comma)

Syntax:

Create table table\_name(“name” varchar(30),”class” int)

* Insert values in create table:

Syntax:

Insert values into table\_name (insert values )

1. Add column in table

Syntax:

Alter table table\_name

Add column column\_name int

1. Values update in column

Syntax:

Update table\_name

Set column\_name=” value1 ” ( update column\_name= value)

Where column\_name=”value”

1. Delete column in table

Syntax:

Delete column from table\_name

1. Delete table (table is empty)

Syntax:

Delete table from table\_name

1. Total\_table delete

Syntax:

Drop table table

1. Aggregation functions:

Syntax:

Select count(column\_name),sum(col),distrinct(col),max(col),min(col),avg(col)

From table\_name

7.In :--

Syntax:

Select \*

From table\_name

Where column in (value1,value2)

1. Conditions

Syntax:

Select \*

From table\_name

Where column\_name=”value”

1. And & or conditions

Syntax:

Select \*

From table\_name

Where column\_name=”valu” and col\_name=”val”

1. Multipule conditions

Syntax:

Select \*

From table\_name

Where (col=”val” and col=”val”) and col=”val”

1. Group by

Syntax:

Select col\_name

From table\_name

Group by column\_name

1. Order by

Syntax:

Select \*

From table\_name

Group by column name

Order by column\_name asc/dsce

1. Between

Syntax:

Select \*

From table\_name

Where column\_name=”value” between “value2”

1. Not

Syntax:

Select \*

From table\_name

Where not column=”value”

1. Not in

Syntax:

Select \*

From table\_name

Where not in column (value1)

1. Joins: (left, inner ,right,full join)

Syntax:

Select table1.col1, table1.col2,table1.col3,table2.co1l,table2.col2

From table1

Inner join table2 on table1.col1=table2.col2

Ex:

select Customers.customer\_id, Customers.first\_name, Customers.country, Orders.order\_id, Orders.item, Orders.customer\_id

from Customers

inner join Orders on Customers.customer\_id=Orders.customer\_id

Sub\_quaries:

1.data retrieve by using subquarie:

Syntax:

Select \*

From table1

Where col in (

Select col from table2)

2. By using where filter:

Select col1,col2,col3

From table1

Where col1 in (

Select col1 from table2 where col=”value”)

Ex:

select customer\_id,first\_name,age,country

from Customers

where customer\_id in (

select customer\_id from Orders where amount=400)

* By using mutiplie conditions:

Select col1,col2,col3

From table1

Where col1 in (

Select col1 from table2 (where col=”value” and col1=”val”)