

{
 C - CREATE
 R - READ
 U - UPDATE
 D - DELETE

⇒ Select ⇒

for all Rows in table:

if r matches the condition
 list (add columns in select)

return the values in list

Select * from Persons where PersonId = 2;

PersonId	FirstName	LastName	CityName	Addr
1				
2	Shubham	Pawar	Mumbai	MH
3				
4				
5				

6
↓

2 - Shubham.Pawar - Mumbai - MH

↓

[2 - Shubham - Pawar - Mumbai - MH] ⇐ S.P.

Select PersonId, FirstName, CityName
from Persons where PersonId = 2;

6
↓
2 — Shubham.Pawan-Mumbai - MH
↓
[2 - Shubham - Mumbai] ⇐ ⌋

Algorithm

for all Rows r in table

if r matches the condition

list.add (Columns of r in select)

if distinct:

return distinct values from list

else

return all values from list.