

Select Operations:

- Selects tuples (rows) that satisfy a given conditions.
- Pick certain Rows
- Lowercase Greek letter sigma (σ)
- Unary operations

e.g. : Select * from emp where empno=1;

$\sigma_{empno=1}$ (emp)

- Select * from loan where branch_name='pune';
- Select * from emp where branch_name='pune' and amount>1000;

and : \wedge or : \vee Not : \neg

- e.g. $\sigma_{(card_no \geq 'mca101') \wedge (Date_of_Issue > '25/09/16')}$ (Borrow)
- e.g.
- Select * from Book where Acc_No \geq 2311 ;
- $\sigma_{Acc_No \geq 2311}$ (Book)
- $\sigma_{(Acc_No \geq 2311) \wedge (yr_pub = 1992)}$ (Book)