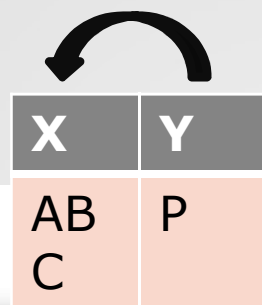


Chapter 4

Normalization

- **Normalization** : The process of decomposition of a complex structure into a simple structure.
 - Minimize redundancy
 - Easy retrieval
 - Time saving
 - Simplified structure of database table.
- **Functional Dependency** : An attribute 'y' is said to functional dependency on attribute X when for each value of y there is exactly one value associated in attribute X.



X	Y
AB	P
C	

Normal forms

- 1NF
- 2NF
- 3NF
- 4NF
- BCNF