

BCNF는 아님

- Example of problems due to redundancy in 3NF

- $R = (J, K, L)$
- $F = (JK \rightarrow L, L \rightarrow K)$

J	K	L
j1	k1	l1
j2	k1	l1
j3	k1	l1
NULL	k2	l2

- A schema that is in 3NF but not BCNF has the problems of:

- redundancy (e.g., the relationship between l1 and k1)
- need to use null values (if allowed!), e.g. to represent the relationship between l2 and k2 when there is no corresponding value for attribute J