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### **Feedback for Week 3 Lecture**

1. **i) 1NF, 2NF, 3NF:** Each NF is meant to remove a certain type of characteristic by splitting into more tables. The requirement can be concluded as:  
**1NF:** primary key identified, no repeating groups. (Repeating groups refer to the rows/records containing the info of multiple instances)  
**2NF:** no partial dependency. (Partial dependency refers to [part of the primary key determines a non-key attribute]. This implies that the primary key has to be composite key in partial dependency.)  
**3NF:** No transitive dependency. (Transitive dependency refers to [a non-key attribute determines another non-key attribute].)
- ii) BCNF:** No anomaly dependency. (Anomaly dependency refers to two cases: (i) a non-key attribute determines part of the primary key; (ii) part of the primary key and a non-key attribute determine another non-key attribute)
- iii) 4NF:** No multi-valued dependency. (Multi-valued dependency refers to [a key determines multiple values of two attributes, in which the multiple values are independent on each other].)
2. The lecture video is clear enough to explain the concept of normalization in different forms.
3. No comment! All good 😊