Approach

1. We will encode and list all our knowledge about the schema
   ◦ Functional dependencies (FDs)
   ◦ Also:
     • Multi-valued dependencies (briefly discuss later)
     • Join dependencies etc...

2. We will define a set of rules that the schema must follow to be considered good
   ◦ “Normal forms”: 1NF, 2NF, BCNF, 3NF, 4NF, ...
   ◦ A normal form specifies constraints on the schemas and FDs

3. If not in a “normal form”, we modify the schema