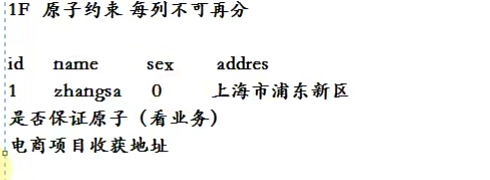
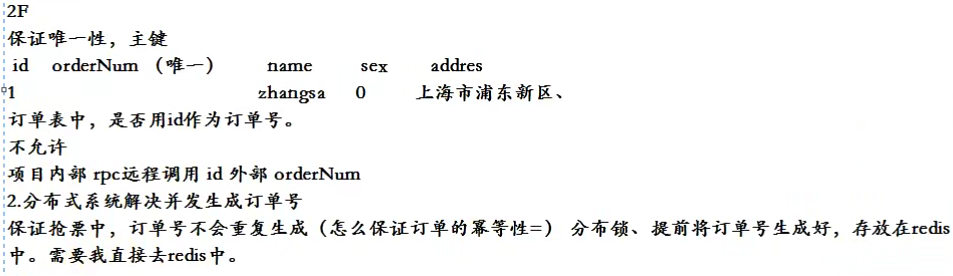
# 数据库三范式

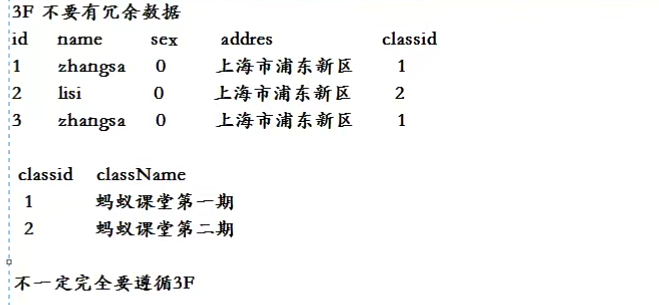
## 1F 原子约束

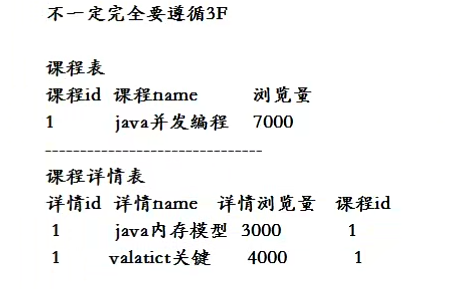


## 2F 唯一性

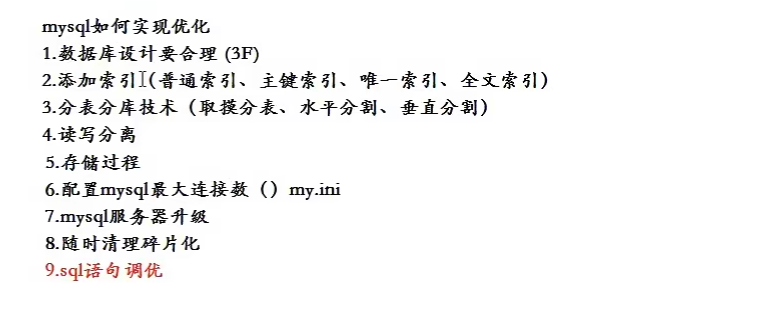


## 3F 不要有数据冗余





# Mysql优化方案



# 分库分表