

1. Assume a given schema: You will be asked to write a set of SQL statements that will include JOIN and pattern matching operations.
2. Assume a given 2nd schema: You will be asked to write a set of advanced SQL statements that will include UNION and sub-queries
3. Assume a given schema: You will be asked to write a CREATE table statements with constraints on Insert & Update only.
4. Assume a given schema: You will be asked to write Triggers. In each case, disallow or undo the modification if it does not satisfy the stated constraint.
5. Given set of base tables and a materialized view that is based on the given base tables. What modifications to the base tables that would require changes to the Materialized View and how do you propagate the changes incrementally to the materialized view?