

SQL

- choosing GROUP BY fields
 - if the goal is to group rows relating to unique things, use the primary key
 - if you are grouping by the primary key, including other attributes of that thing is unnecessary – it muddies the intent and potentially reduces efficiency
- avoid unnecessary JOINS
 - only JOIN if you need columns from that table that you don't already have
 - e.g. SAILOR NATURAL JOIN RESERVATION already includes Bid, so you don't need BOAT to count how many different boats each sailor has reserved

SQL

- using other syntax not covered in the reading or class is allowed, but it is not necessary
 - make sure you know how the query can be written without the other syntax
- the queries in the subqueries module can be written without GROUP BY and aggregation
 - make sure you know how the query can be written without that syntax