

CSC540

Optional Makeup Assignment (Queries) Due 11/17)

Please submit separately from other assignment

Assume the following schema about World War II ships.

Classes(class, type, country, numGuns, bore, displacement) (*classes of ships e.g. battleship or battlecruiser*)

Ships(name, class, launched)

Battles(name, date)

Outcomes(ship, battle, result)

Write the following queries in both SQL and RA.

1. Find the names of the ships whose number of guns was the largest for those ships of the same bore
2. Find for each class with at least three ships the number of ships of that class sunk in battle.