

# Homework 2

Due January 29, 2020

Create a MySQL database for the nascent US Navy in the war of 1812. Use wikipedia to insert the relevant data. Use the relevant British navy classification in first-rate, second-rate, ... sixth-rate, unrated. Use also the nominal gun rating. For example, the first USS President was rated formally at 44 guns and therefore a fifth-rate ship. The second USS President was a 12 gun sloop nominally rated at 12 guns and therefore a non-rated ship. The first became HMS President in 1815 and the second one become HMS Icicle in 1814. The relations are

`Ships(id, name, navy, rating, guns, year_built, year_left_service)`

`Battles(name, date)`

`Outcomes(ship, battle, result)`

When a ship is captured, it becomes a new ship. Whenever you enter a battle, you also need to create entries for the British ships involved. You do not need to consider battles where no rated ships are involved or where a rated ship merely took over a merchant vessel. Neither do you need to include ships and battles that never saw saltwater.

Write queries that show:

1. All ships that were captured in battle.
2. All ships that were engaged in more than one battle and had at least 40 guns.