

Homework 2

Due January 27, 2020

Create a MySQL database for the nascent US Navy in the war of 1812. The relations are

Ships(id, name, navy, guns, year_put_into_service, year_left_service)

Battles(name, year, month, day)

Outcomes(shipid, battle, result)

When a ship is captured, it becomes a new ship.

Write queries that show:

1. All ships that were captured in battle.
2. All ships that were engaged in more than one battle

Battles

1812 Action off George Island: USS Essex, 32 beats HMS Alert, which becomes USS Alert

1812 Action off New Foundland: USS Constitution sank HMS Guerriere

1812 Wasp vs Frolic: USS Wasp captures HMS Frolic, but both are captured by HMS Poictiers

1812 Action off Madeira: USS United States captures HMS Macedonian

1812 Action of Brazil: USS Constitution sinks HMS Java

1813 Action in the Demerara River: USS Hornet sinks HMS Peacock

1813 Battle of Boston Harbor: HMS Shannon captures USS Chesapeake

1813 Battle off Davis Head: HMS Pelican captures USS Argus

1813 Action off Pemaquid Point: USS Enterprise captures HMS Boxer

1814 Battle of Valparaíso: HMS Phoebe and HMS Cherub capture USS Essex and USS Essex Junior

1814 Battle of Florida Straights: HMS Orpheus and HMS Shelburne capture USS Frolic (not to be confused with HMS Frolic)

1814 Action off Cape Canaveral:

1814 Action in the English Channel: USS Wasp sinks HMS Reindeer

1814 Action of New York: HMS Endymion captures USS President

1814 Action in the Mid-Atlantic: USS Constitution captures HMS Levant and HMS Cyane

1814 Action of Tristan da Cunha: USS Hornet captures HMS Penguin