Lawrence Schoch  
relational\_algebra\_LHS  
CS-300-ON  
March 21, 2022

<https://github.com/lschoch/CS300_LHS.git>

1. List only the name and rating for all Sailors. **(4 points)**
2. List all sailor information for sailors with a rating>8). **(4 points)**
3. List the boat id for boats all red boats. **(4 points)**
4. List the boat id for all red boats and all green boats. **(4 points)**
5. List the name of every sailor who is aged 16 or under. **(4 points)**
6. List the name and rating for all sailors who have a rating of 7 and below. **(4 points)**
7. Count the number of reservations for boat number 4. **(4 points)**
8. Find the names of sailors who have reserved boat 103. **(4 points)**
9. Find the names of sailors who have reserved a red boat. **(4 points)**
10. Find the colors of the boats reserved by Lubber. **(4 points)**
11. Find the names of sailors who have reserved a red and green boat. **(5 points)**
12. Find the names of sailors with age over 20 who have not reserved a red boat. **(5 points)**