Sailor(sailorId, sName, rating, age)    Reserves(sailorId, boatId, rDate)    Boat(boatId, bName, color)

**Exercise 1:** Find the ids of sailors who have reserved boat 103.

**Exercise 2:** Find the names of sailors who have reserved boat 103.

**Exercise 3:** Find the names of sailors who have reserved a red boat.
DSAA 5012: Advanced Database Management for Data Science

Lecture 5 Exercises

Relational Algebra

Sailor(sailorId, sName, rating, age)  Reserves(sailorId, boatId, rDate)  Boat(boatId, bName, color)

Exercise 4: Find the names of sailors who have reserved either a red or a green boat.

Exercise 5: Find the names of sailors who have reserved both a red and a green boat.

Exercise 6: Find the ids of sailors who have made at least two reservations on the same date. [Hint: You need to join Reserves with itself.]