

Consider the following relational schema of a marina database:

Sailor (SID, Sname, Age)
Boat (BID, Bname, Color)
Reserve (SID, BID, Day)

Express the following queries in the relational algebra:

- i) Find the names and ages of sailors who have reserved boat “103”.
- ii) Find the names of sailors who have reserved a red boat and a green boat.
- iii) Find the names of sailors who have reserved at least two boats.
- iv) Find the SIDs of sailors with age over 30 and who have never reserved a green boat.
- v) Find the names of sailors who have reserved all boats called “Blue Sky”.