Writing Relational Algebra Expressions

Consider the following relation schemas:

\[
\text{Sailors (sid: integer, sname: string, rating: integer, age: integer)}
\]

\[
\text{Boats (bid: integer, bname: string, color: string)}
\]

\[
\text{Reserves (sid: integer, bid: integer, day: date)}
\]

Answer the following questions:

1. Find the sailors who have reserved a red boat.
2. Find the *names* of sailors who have reserved at least three boats.

3. Find the *names* and *ratings* of all the sailors over 35 who have reserved a green boat.

4. Find the *names* of sailors who have reserved all boats.

5. Find the *sids* of sailors with the highest rating.