

Tutorial 5 – SQL practice 1

Basic Queries

Feb.16, 2007

Student Version

- You can find help page on how to set up the data set at:
<http://www.ugrad.cs.ubc.ca/~cs304/2006W2/practice-questions/SQLpractice/>
- You can also find SQLPlus info at:
<http://www.ugrad.cs.ubc.ca/~cs304/2006W2/tutorials/SQLPlus/SQLPlus.html>

Part1: The following 5 queries will be based on schema1 and the data you can find in all.sql.

Note: The questions here we have already solved in RA format, now I want you to do it in SQL format

Schema1:

Sailors (sid, sname, rating, age);

Boats (bid, bname, colour);

Reserves (sid, bid, day);

1. Find all sailors who are teens (show all information)
2. Find the names of sailors who have reserved at least one boat
3. Find the colors of boats reserved by dustin
4. Find the sailor IDs of all sailors who have reserved red boats but not green boats
5. Find the names of sailors who have reserved at least two boats

Part2: The following 5 queries will be based on schema2 and the data you can find in all.sql

Schema2:

Student (snum, sname, major, standing, age);

Faculty (fid, fname, deptid);

Class (name, meets_at, room, fid);

Enrolled (snum, cname);

6. Find the names of the student whose major is in Computer Science.
7. Find the names of the student who has enrolled in course Database Systems.
8. Find all the courses which are taught by David Anderson
9. Find all the courses which are NOT using room R128
10. Find all the students who are in any one of the classes that professor James Smith teaches.