

Queries Using SQL (#2)

Code and test the SQL statements needed to generate the following five queries. You should use the SQL test page linked from the class web page. A query should work properly in both Oracle and MySQL. (You may make two queries, one for each, if you cannot reconcile the two.) Place, in comments, any discrepancies that you found between the two that were not covered in class. When these are complete place in a single text file and insert comments to identify yourself and the problem number for each query. You should put in a comment how many rows matched the query. Email the results to the instructor.

1. The names of each faculty member with the names of their departmental chair and divisional chair.
2. All the students who received a B or A in any CS class. No student should be shown twice.
3. For any course that is taught by a faculty member with a different department, show the course department, number and title and the faculty member name. Sort the table by name, department and course number
4. Do the same as the above, except instead of showing all the course a faculty member teaches, show just their name and a count of the out of department courses.
5. Modify the last query in the following way. This time eliminate instructors that only teach one class that is not in their department.