CS313, Lab – 4

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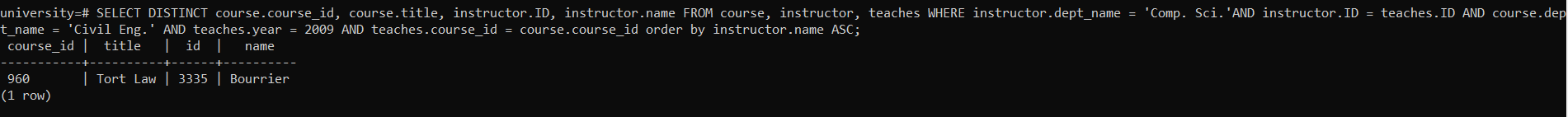
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**Q.1]**

Query:

SELECT DISTINCT course.course\_id, course.title, instructor.ID, instructor.name FROM course, instructor, teaches WHERE instructor.dept\_name = 'Comp. Sci.'AND instructor.ID = teaches.ID AND course.dept\_name = 'Civil Eng.' AND teaches.year = 2009 AND teaches.course\_id = course.course\_id order by instructor.name ASC;

Output:



**Q.2]**

Query:

WITH selection as (SELECT takes.sec\_id, takes.course\_id, count(ID) as enrolls FROM takes WHERE takes.year = '2009' AND takes.semester = 'Fall' GROUP BY takes.sec\_id , takes.course\_id ORDER BY count(ID) DESC) SELECT sec\_id, course\_id FROM selection WHERE enrolls = (SELECT max(enrolls) from selection);

Output:

