**Queries on University database**

**Simple queries**:

1. Write a query to retrieve the names of all instructors.
2. Write a query to retrieve the department names of all instructors.
3. Write a query to retrieve the unique department names of all instructors.
4. Write a query to show resulting salaries if each instructor is given a 10 percent raise.
5. Write a query to retrieve the names of all instructors in the Computer Science department who have salary more than $70,000.

**Queries on multiple relations**:

1. Write a query to retrieve the name of all instructors along with their department names and department building name.
2. Write a query to retrieve name of the instructors and course id that he/she teaches the courses.
3. Write a query to retrieve name of the instructors and courses who taught Biology department courses.
4. Write a query to retrieve the names of instructors, and title of the courses that they teach.
5. Write a query to retrieve the names of all instructors whose salary is greater than at least one instructor in the Biology department.
6. Write a query to retrieve names of all departments whose building name includes 'Watson'.
7. Write a query to retrieve the names of the Physics department instructors in ascending order.
8. Write a query to retrieve the name and salary of instructors order by salary in descending order and if more than one instructor have the same salary, order by names in ascending order.
9. Write a query to retrieve the names of instructors whose salary amounts in the range $90,000 and $100,000.
10. Write a query to retrieve all the courses taught in the Fall 2009 semester.
11. Write a query to retrieve all the courses taught in the Spring 2010 semester.
12. Write a query to retrieve all the courses taught either in Fall 2009 or in Spring 2010 or both.
13. Write a query to retrieve all the courses taught in the Fall 2009 as well as in Spring 2010.
14. Write a query to retrieve all courses taught in the Fall 2009 semester but not in the Spring 2010 semester.
15. Write a query to retrieve the average salary of all instructors.
16. Write a query to retrieve the average salary of instructors in the Computer Science department.
17. Write a query to retrieve the average salary in each department.
18. Write a query to retrieve the number of instructors in each department who teach a course in the Spring 2010 semester.
19. Write a query to retrieve the average salary of the instructors in those departments where the average salary is more than $80000.
20. Write a query to retrieve the names of all instructors that have a salary value greater than of each instructor in the Computer Science department.
21. Write a query to retrieve the names of all instructors that have a salary value greater than at least one instructor in the Comp. Sci. department.
22. Write a query to retrieve the departments that have the highest average salary.