

-- • Find the names of all instructors of Comp. Sci. department with salary between \$90,000 and \$100,000.

```
select i_name
from instructor
where dept_name = 'Comp. Sci.' and salary between 90000 and 100000;
```

-- • Retrieve the names of all instructors, along with their department names and department building name.

```
select i_name, dept_name, building
from instructor natural join department;
```

-- • Find instructor names and course identifiers for instructors in the Computer Science department.

```
select i_name, course_id
from instructor natural join course
where dept_name = 'Comp. Sci.';
```

-- • For all instructors in the university who have taught some course,
-- find their names and the course ID of all courses they taught (use natural join).

```
select i_name, course_id
from instructor natural join course
order by i_name;
```

-- • List in alphabetic order all instructors in the Physics department.

```
select *
from instructor
where dept_name = 'Physics'
order by i_name;
```

-- • List the entire instructor relation in descending order of salary.

```
select * from instructor order by salary desc;
```