6 Relations of Company

EMPLOYEE

FNAME	MINIT	LNAME	SSN	BDATE	ADDRESS	SEX	SALARY	SUPERSSN	DNO

DEPARTMENT

DNAME	DNUMBER	MGRSSN	MGRSTARTDATE

DEPT_LOCATIONS

DNUMBER	DLOCATION

PROJECT

PNAME	PNUMBER	PLOCATION	DNUM

WORKS_ON

ESSN	PNO	HOURS

DEPENDENT

ESSN	DEPENDENT_NAME	SEX	BDATE	RELATIONSHIP

Exercises

- (a) Retrieve the names of employees in department 5 who work more than 10 hours per week on the 'ProductX' project.

- (b) List the names of employees who have a dependent with the same first name as themselves.

- (c) Find the names of employees that are directly supervised by 'Franklin Wong'.

- (d) For each project, list the project name and the total hours per week (by all employees) spent on that project

- (e) Retrieve the names of employees who work on every project.

- **(f) Retrieve the names of employees who do not work on any project.**
- **(g) For each department, retrieve the department name, and the average salary of employees working in that department.**
- **(h) Retrieve the average salary of all female employees.**
- **(i) Find the names and addresses of employees who work on at least one project located in Houston but whose department has no location in Houston.**
- **(j)List the last names of department managers who have no dependents.**