9.4 Domain Relational Calculus: Query Language for Relational Databases

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Query Examples: (These are the queries from problem 7.18 of the El-Masri/Navathe text).
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 Get names of all employees in department 5 who work more than 10 hours/week on the ProductX project.

(2) Get names of all employees who have a dependent with the same first name as themselves.

(3) Get the names of all employees who are directly supervised by Franklin Wong.

(4) Get the names of all employees who work on every project.

(5) Get the names of employees who do not work on any project.

(6) Get the names and addresses of employees who work for at least one project located in Houston but whose department does not have a location in Houston.

(7) Get the names and addresses of employees who work for at least one project located in Houston or whose department does not have a location in Houston. (Note: this is a slight variation of the previous query with 'but' replaced by 'or').

(8) Get the last names of all department managers who have no dependents.