

```

--Query 0
--Retrieve the birthdate and address of the employee(s) whose name is John B.
Smith
--
--Query 1
--Retrieve the name and address of all employees who work for the Research --
--department.
--
--
--Query 2
--For every project located in Stafford, list the project number, the
--controlling department number, and the department manager's last name,
--address, and birthdate.
--
--
--Query 3
--Retrieve the names of each employee who works on ALL projects controlled
--by department 5
--
--
--Query 4
--Make a list of all project numbers for projects that involve an employee
whose last name is Smith either as a worker or as a manager of the department
--that controls the project.
--
--
--Query 5
--Retrieve the names of all employees who have two or more dependents.
--
--
--Query 6
--Retrieve the names of employees who have no dependents.
--
--
--Query 7
--List the names of managers who have at least one dependent.
--
--
--Query 8
--For each employee, retrieve the employee's first and last name and the
first and last name of his or her immediate supervisor
--
--
--Query 9
--Retrieve all employee SSNs
--
--
--Query 10
--Retrieve all combinations of SSN and DEPARTMENT NAME
--
--
--Query 11
--Retrieve the salary of every employee
--
--
--Query 11a`
--Retrieve the distinct salary values
--
--Query 12
--Retrieve all employees whose address is in Houston, Texas

```

```

--
--Query 13
--Show the resulting salaries if every employee working on the ProductX
--project is given a 10% raise.
--
--
--Query 14
--Retrieve all employees in department 5 whose salary is between $30,000 and
--$40,000
--
--
--Query 15
--Retrieve a list of employees and the projects they are working on, ordered
--by department and, within each department, ordered alphabetically by last
--name, first name
--
--
--Query 16
--Retrieve the name of each employee who has a dependent with the same first
--name and same sex as the employee
--
--
--Query 17
--Retrieve the social security numbers of all employees who work on project
--numbers 1, 2, or 3.
--
--
--Query 18
--Retrieve the names of all employees who do not have a supervisor
--
--
--Query 19
--Find the sum of the salaries of all employees, the maximum salary, the
--minimum salary, and the average salary.
--
--
--Query 20
--Find the sum of the salaries of all employees of the Research department,
--as well as the maximum salary, the minimum salary, and the average salary
--in this department.
--
--Query 21
--Retrieve the total number of employees in the company.
--
--
--Query 22
--Retrieve the total number of employees in the Research department.
--
--
--Query 23
--Count the number of distinct salary values in the database.
--
--
--Query 24
--For each department, retrieve the department number, the number of
--employees in the department, and their average salary
--

```

```
--
--Query 25
--For each project, retrieve the project number, the project name, and the
--number of employees who work on that project.
--
--
--Query 26
--For each project on which more than two employees work, retrieve the
project
--number, the project name, and the number of employees who work on the
project.
--
--
--Query 27
--For each project, retrieve the project number, the project name,
--and the number of employees from department 5 who work on the project.
--
--
--Query 28
--For each department that has more than five employees, retrieve the
--department number and the number of its employees who are making more
--than $40,000.
--
--
```