SQL Exercises

Write the following queries in the MS Access.

Q01) Find the salary of the every employee.

Q02) Find the names of the employees whose address is in Houston, Texas.

Q03) Find all data for employees in department number 5 whose salary is between $30,000 and $40,000.

Q04) Find the sum of the salaries of all employees, the maximum, minimum and average salary.

Q05) Find SSN of all employees who work on project 1, 2, or 3.

Q06) Find the names of all employees who do not have supervisors.

Q07) Find all employees who were born during 1960s

Q08) For each department, retrieve the department numbers, the number of employees in the department and their average salary.

Q09) Find the name and address of all employees who work for the “Research” department.

Q10) For every project located in “Stafford”, list the project number, the controlling department number, and the department manager’s last name.

Q11) For each employee, retrieve the employee’s first and last name and first and last name of his or her supervisor.

Q12) Retrieve the list of employees and projects they are working on, ordered by project and, within each project, ordered alphabetically by last name and then first name

Q13) Find the sum of the salaries of all employees of the ‘Research’ department, as well as the maximum, minimum and the average salary in this department.

Q14) Find the number of employees in the ‘Research’ department.

Q15) For each project, retrieve the project number, the project name, and the number of employees from department 5 who work on the project.

Q16) 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 that project

Q17) Find the name of each employee who has a dependent with the same gender as the employee

Q18) 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 control the project.

Q19) Find the names of employees who have no dependents

Q20) List the names of managers who have at least one dependent

Q21) Find the names of all employees who have two or more dependents

Q22) For each department that has more than 3 employees, retrieve the department number and the number of its employees who are making more than $30,000.

Q23) For each department that has more than 1 female employee, retrieve the department number and the number of its employees who are making less than $30,000.