====================== Scalar functions ========================

1. For employees whose salary, increased by 5 percent, is less than or equal to $20,000 and an education level of 18 or 20, list the following:

   - Last name
   - Current Salary
   - Salary increased by 5 percent
   - Monthly salary increased by 5 percentList all departments that have no manager assigned. List department number, department name, and manager number. Replace unknown manager numbers with the word UNKNOWN and name the column MGRNO.

2. List all employees who were younger than 25 when they joined the company. List their employee number, last name, and age when they joined the company.
   Name the derived column AGE.
   Sort the result by age and then by employee number.

====================== GROUP BY ========================

3. For all departments with at least one designer, display the number of designers and the department number. Name the derived column DESIGNER.

4. Show the average salary for men and the average salary for women for each department. Display the work department, the sex, the average salary and the number of people in each group. Include only those groups that have two or more people.

5. Display the average bonus and average commission for all departments with an average bonus greater than $500 and an average commission greater than $2,000. Display all averages with two digits to the right of the decimal point.

====================== UNION ========================

6. List the department number, employee number, and salaries of all employees in department A00.

   For the last line of the report, display the sum of all the salaries.

WORKDEPT	EMPNO		SALARY

---------	+-------		+--------
A00	000120		29250.00
A00	000110		46500.00
A00	000010		52750.00
A00	SUM		128500.00

===================== Subqueries =========================

7. List department number, department name, last name, and first name of all those employees in departments that have only male employees.

8. We want to do a salary analysis for people that have the same job and education level as the employee Stern. Show the last name, job, edlevel, the number of years they've worked as of January 1, 2000, and their salary. Name the derived column YEARS.
Sort the listing by highest salary first.