SQL PROBLEMS:

Problem 1. Create a table named "Employee" with the following column specifications:

Name	Size or Format	Nulls Allowed?	Primary Key?
ssn	Social Security Number	No	Yes
lastname	Up to 40 characters	No	
firstname	Up to 30 characters	Yes	
department_code	3 integers	No	
annual_salary	Money	Yes	
hire_date	YYYY-MM-DD	No	

Problem 2. Create a table named "Department" with the following column specifications:

Name	Size or Format	Nulls Allowed?	Primary Key?
department_code	3 integers	No	Yes
department_name	Up to 30 characters	No	

Problem 3. Code the Insert statements required to add the following data to the Employee table.

Employee:
ssn: 111-22-3333
lastname: Smith
firstname: John
department_code: 234
annual_salary: $50,000
hire_date: 1999-10-15

Employee:
ssn: 222-33-4444
lastname: Jones
firstname: Mary
department_code: 234

annual_salary: $56,000
hire_date: 1998-01-02

Problem 4. Code the Insert statements required to add the following data to the Department table.

Department:
department_code: 234
department_name: Information Services

Department:
department_code: 456
department_name: Systems Group

Department:
department_code: 657
department_name: Payroll

Problem 5. Display a list of Employee Names with and their hire date. Sort the results by Last Name.

Problem 6. Display the Average Salary of all the employees.

Problem 7. Code a SQL Statement that would remove John Smith from the database. Do NOT use his SSN value to code this statement!

Problem 8. Code a SQL Statement that would raise everyone's salary by $1000.

Problem 9. Code a SQL Statement that would remove the Department table from the database.