Week 2 Homework

Write SQL statements to solve the following requests.

From the WORK FORCE database

1. Execute the following lines in order to create new rows in the database. The first two lines ‘may’ create an error message which is okay, they are just to ensure that there is no existing records that match the two that you are inserting.

**WARNING \*\*\*\*\*\*\* DO NOT DO THIS UNTIL WEEK 1 HOMEWORK HAS BEEN COMPLETED \*\*\*\*\*\*\***

DELETE FROM EMP WHERE EMPNO = 9999;

DELETE FROM DEPT WHERE DEPTNO = 60;

INSERT INTO EMP VALUES (9999, 'KIRK', 'CAPTAIN', NULL,'14-APR-2002', 6000, NULL, 50);

INSERT INTO DEPT VALUES (60, 'STARFLEET', 'SAN FRANCISCO');

1. Show a list of different jobs. Eliminate repeating values.
2. List all employee records where the comm field is NULL.
3. Produce a list of employees, show their sal and comm (make them all 15% of salary) and a total compensation for them
4. List all the employees names in reverse alphabetical order

1. Change the column datatype from int to char for the grade column in the salgrade table, show the old column value and the new and give the new column a name
2. List the names of all emp, right justify them by adding blanks to each so that all the names are 30 characters long (This one takes some imagination)

1. List all employees salaries, also a column that gives them a raise of 13%, dollar amts never have more than 2 decimal places.

1. List the system date, extract off just the year and list that also. Use the DUMMY table in your FROM clause.