Week 3 Class Homework

From the WORKPLACE Database:

1. How many employees are working at each job in each department and what are the sums and averages are for the salary of those employees?
2. Show the employee name with the maximum salary.
3. Show the average salary for all employees that are not managers.
4. What is the difference between the highest and lowest salary?

From the STUDENT Database:

1. Show the state and the number of zip codes by state. Order the result by number of zip codes in descending sequence. Use the ZIPCODES table.
2. Which city has the most zip codes assigned to it?
3. Show the state and the number of zip codes by state. Order the result by number of zip codes in descending sequence and exclude all states having less than 5 zip codes.
4. Show the Student\_ID, last name, and the number of enrollments for the student. Show only students with more than 2 enrollments.
5. Show the number of students enrolled for each city and zip code for New York and where the city begins with ‘W’.
6. Display the course number and description of courses with no enrollment. Also include courses which have no section assigned. (Might not be possible before next weeks lecture)