SQL PRACTICE QUESTIONS

1. Provide the complete info on all employees.
2. What is the count of all employees?
3. What is the count of all departments?
4. Names of employees that work for Department
5. Name of projects in Sugarland
6. Employees name and hours information
7. Employees name that don't work on Project ProductX
8. Who worked the most hours to least hours?
9. Who worked the most hours in Research dept?
10. Names of dependents for person who worked most hours in Research dept.
11. Provide the name of projects in either Department number 4 or 5
12. Provide the names of employees with either a son or wife dependent
13. Provide the names of employees with salary between $5k and $30k
14. Provide the names of employees that worked between 20 and 30 hours
15. Provide the department name and project name for projects in Houston, Sugarland, or Stafford
16. Provide employees with A in First Name
17. Provide employees with Last Name that does not begin with W
18. Provide employees with ‘a’ as the second letter
19. What is the average hours worked for employees in the Research department?
20. What is the total salary for employees that worked on either Product Z or X?
21. Name of employees who first name start with A and order last name alphabetically
22. Name of employees in Department number 5 and salary ordered largest to smallest
23. Sort employee birthdates from oldest to newest and then sort first names in alphabetical order
24. Sort employee salaries by largest to smallest and employee last names alphabetically
25. How many male and female employees are there?
26. How many male and female dependents are there?
27. How many projects are there for each location?
28. Identify the number of projects in each location and order by most to least projects
29. Identify the number of male and female employees and order from most to least
30. How many male and female spouses are there?
31. What departments pay over $50,000 to employees?
32. Provide the employee SSN and number of dependents for employees with more than 1 dependent
33. Provide the project locations with more than 1 project
34. Get the name, birthdate, sex, and salary for each employee.
    1. Modify query to get only employees born after 1960.
    2. Modify query to group by sex for those born after 1960 (remove name and salary)
    3. Modify query to get the average salary for men and women employees born after 1960
    4. Modify query to get the average salary for men and women employees born after 1960 and with an average over $15,000 ranked from largest to smallest