

CPSC 4620 – Homework 3

SQL Statements

100 Points

Due Thursday, June 6th at 11:59 pm

Use the example Company DB to write SQL statements to complete the following. If the request is a Query, show the results (including the header row with the names of the attributes). For any queries, ignore any values that we have inserted or updated in any other questions. Note that I do not refer to employees by their SSN, or projects or departments by their numbers. You should not use specific SSN's, project or department numbers in your queries, unless they are given in the prompt. If I ask "Who?" that means I want to see their first and last name.

You do not need to, and are not expected to, create the actual company database to complete this assignment. Just use the example database provided on canvas under files/handouts.

1. Who works on the Reorganization project?
2. Who works on a project located in Houston?
3. Which Employees have a spouse?
4. Which Employee lives on a street named "Castle"
5. Tell me the names and addresses of all the managers.
6. Show the names of all employees making more than \$30,000 but less than \$50,000
7. Show the project name, number, and location for all projects with "Product" in the product name.
8. The company has decided to update their minimum salary to \$30,000. Since raising the minimum salary should benefit everyone, give everyone who made \$30,000 a year or more a 10% raise
9. Now that we have given a raise to everyone making \$30,000 or more, give any employee who makes less than \$30,000 a year a raise to meet this new minimum salary of \$30,000 a year.
10. Change the New Benefits project to be under department 1.

Submission:

You will submit an electronic copy of your assignment on Canvas. Convert the document to a pdf to ensure the grader can view it properly. No late submissions will be accepted