

Lesson 3 – Simple Select Queries

Challenge Exercises

To complete these exercises, use the build.sql file included with the lesson 03 files to build your schema in SQL fiddle. Once set up, your database will contain an 'employees' table similar to the one used in the lesson 03 video. To see an overview of the full table which you should expect to have in your database, open open the employees.pdf file which accompanies these exercises, or open employees.xlsx on your computer after downloading it.

- 1) The email memo didn't reach some employees who don't have internet access at home. Get a list of all of the employees phone numbers so we can call them as well. Don't forget to include their names so we know who we're calling.
- 2) Good news! We're going on an executive retreat. Get a list of all of the employees with the manager position so we know who will be going.
- 3) Bad news! We didn't invite the CEO on the retreat. Please get an updated list of managers which includes the CEO.
- 4) Some of our employees are starting to complain about all the phone calls. Luckily, it turns out that only members of the IT department lack internet access at home. Please select the names and phone numbers of the employees who work in the IT department.
- 5) Could you please include Steve in that list of IT employees who will continue receiving phone calls?
No, he got the memo. Why do you ask?
- 6) Could you also include the HR department in that list? Why doesn't anyone have a computer?!
- 7) Good news! We're giving raises to all of our lowest paid employees. Please get the names, salaries, email addresses, and phone numbers of all the employees who earn \$30,000 or less. But this raise is only for permanent positions, so please only include those who are full time.

BONUS

8. As we did in our lesson, please select employees who are part time or are Steve. But this time, only include those employees making \$30,000 or more.