

Lab 5 Deadline: June 18, 2019 by 11:pm (worth: 0.5%)

Instructions: you must have completed lab 0 in your account before working on this lab. **Please upload a single answer file in myseneca -> Assignments section.**

Sql developer users: You may capture screenshot for each worksheet (for each SQL statement and corresponding output) and compile them in a single word/pdf file to upload.

Sql plus users: Use a single spool file to capture your sql commands and output. You must run the sql commands in sequence to the questions below.

Please remember to upload the correct file before submitting - you only get one chance to submit. The Lab 5 submission link will not be available after deadline in the Assignments section.

Allow enough time to upload or deal with unexpected issues. Do not wait for the last moment since there are transmission time/queuing delay/processing time etc. from your machine to the blackboard server.

Late penalty is 100%.

1. Display last name and job id for all employees who perform the same job as *Davies*. Exclude *Davies* from this query.
2. Display last name, job id and hire date for all employees hired after *Grant*.
Sort the output by the most recent hire date.
3. Display city, province name and postal code for all departments located in countries that start with letter *I* (meaning Italy, Israel and India). If the province is blank, show message *Unknown* and the heading should be *Province*.
Sort the output by city ascending.
4. Display last name, job id and salary for all employees who earn less than the Average salary in the *Sales* department. Do NOT use Join method.
Sort the output by top salaries first and then by job_title.
5. Display last name, job id and salary for all employees whose salary matches any of the salaries from the *IT* Department.
Sort the output by salary ascending first and then by last_name.
6. Display last name and salary for all employees who earn less than the Lowest salary in ANY department.
Sort the output by top salaries first and then by last name.