

Practice Chapter 5: Single Row Functions

Overview

In this practice, you write SELECT queries using single row functions

Chapter 5 practice 1 for chapter 5 lesson 1,2

1. Write a query that displays the last name (with all letters in uppercase) and the department number for all employees whose name starts with the letters "A" Give each column an appropriate column alias. Sort the results by the employees' last names
2. Edit the previous query so that the end user is prompted to enter a letter that the last name starts with. For example, if the user enters "K" when prompted for a letter, the output should show all employees whose last name starts with the letter "K."

Chapter 5 practice 2 for chapter 5 lesson 3

1. Write a query to display department number, department name, the length of department name, the last four characters of the department name for all departments located in location 1700, give each column an appropriate column alias and sort the output by the length of department_name in descending order
2. Write a query to display the country number, country name, country name after replacing the first two characters with '**', give each column an appropriate column alias

Chapter 5 practice 3 for chapter 5 lesson 4

1. Write a query to display the employee number, last name, salary, and salary increased by 10% (rounded to zero decimal points) for all employees working in department 100. Label the column "New Salary", sort the output based on a selected column entered by the user
2. Write a query to display the remainder of 30 divided by 7, the smallest whole number (integer) greater than or equal to 79.3, the smallest whole number (integer) smaller than or equal to 34.7

Chapter 5 practice 4 for chapter 5 lesson 5

1. Write a query to display the system date, the yesterday date, and the tomorrow date
2. Write a query to display the employee's last name, hire date, hire date added by 3 months for all employees working on department number 30