

1. Selecting specific columns

Write SQL statement to find employee id, last name, first name, and phone number of all employees.

2. Arithmetic operations in columns

Write SQL statement to find employee id, first name, last name and monthly salary.

Practice: 2.1

Write SQL statement to find employee id and 5 years salary.

Practice: 2.2

Write SQL statement to find the job id and the sum of min_salary and max_salary.

3. Defining column alias

Write SQL statement to find id first name, last name and salary/12 as 'Monthly Salary'

Practice: 3.1

Write SQL statement to find employee id, phone number and 5 years salary as 'Five-years-salary'

Practice: 3.2

Write SQL statement to find the job id and the total of min_salary and max_salary as 'total-max-min'.

4. Using concatenation operation

Write SQL statement to find employee id, concatenation of first name and last name and space between first name and last name and show column header as a name.

Practice: 4.1

Write SQL statement to find location id and the concatenation of postal code + ' ' + street address + ' ' + city as address.

Practice: 4.2

Write SQL statement to find employee id, concatenation of 'phone =' + phone_number + ', ' + 'email =' + email as contact.

5. Find the (concatenated first name and last name with a space between them) as name

Find the (concatenated first name and last name with a space between them) as name, phone number and job id of all employees whose job id field containing the word 'CLERK'. Hint: use INSTR function. If the string is present in the value, it will return the numeric position of the string, otherwise it will return 0

6. Multiple conditions and the use of length function

Find the (concatenated first name and last name with a space between them) as name, length of first name, email, hire date and job id of all employees whose job id field not containing the word 'CLERK' and length of first name is minimum 5 and hire date earlier than '2004-01-01'

7. Sorting of data

Find first name, last name, hire date for all employees whose hire date is earlier than 1st January 2003. Show the result in ascending order of hire date