1. Create a report to display the last name, job ID,

and hire date for employees with the last names of

Matos and Taylor. Order the query in ascending

order by hire date.

SELECT last\_name, job\_id, hire\_date

FROM employees

WHERE last\_name IN ('Matos', 'Taylor')

ORDER BY hire\_date ASC;

2. Create a report to display the last name and job

title of all employees who do not have a manager.

SELECT last\_name, job\_id

FROM employees

WHERE manager\_id IS NULL;

3. The HR department wants to find the duration of

employment for each employee. For each employee,

display the last name and calculate the number of

months between today and the date on which the

employee was hired. Label the column as

MONTHS\_WORKED. Order your results by the

number of months employed. The number of months

must be rounded to the closest whole number.

Hint: ROUND(MONTHS\_BETWEEN(SYSDATE,

hire\_date))

SELECT last\_name,

ROUND(MONTHS\_BETWEEN(SYSDATE, hire\_date)) AS MONTHS\_WORKED

FROM employees

ORDER BY MONTHS\_WORKED;

4. Create a query that displays the employees’ last names,

and indicates the amounts of their salaries with asterisks.

Each asterisk signifies a thousand dollars. Sort the data in

descending order of salary. Label the column

EMPLOYEES\_AND\_THEIR\_SALARIES.

Hint: rpad(' ', salary/1000, '\*')

SELECT last\_name,

RPAD('\*', FLOOR(salary/1000), '\*') AS EMPLOYEES\_AND\_THEIR\_SALARIES

FROM employees

ORDER BY salary DESC;

5. Create a query to display the last name and salary for all

employees. Format the salary to be 15 characters long, left-

padded with the $ symbol. Label the column SALARY.

Hint: LPAD(salary, 15, '$')

SELECT last\_name,

LPAD(TO\_CHAR(salary), 15, '$') AS SALARY

FROM employees;

6. Create a query to display the last name and the

number of weeks employed for all employees in

department 90. Label the number of weeks column

as TENURE. Truncate the number of weeks value to

0 decimal places. Show the records in descending

order of the employee’s tenure.

Hint: trunc((SYSDATE-hire\_date)/7)

SELECT last\_name,

TRUNC((SYSDATE - hire\_date)/7) AS TENURE

FROM employees

WHERE department\_id = 90

ORDER BY TENURE DESC;