**Assignment 8**

**Task 1: Using Date and Time Functions**

SELECT \*

FROM employees

WHERE hire\_date >= CURRENT\_DATE - INTERVAL 30 DAY;

**Task 2: Creating and Using a Stored Procedure**

CREATE PROCEDURE sp\_get\_employee\_hours (IN emp\_id INT)

BEGIN

SELECT e.fname, e.lname, SUM(w.total\_hours) AS total\_hours

FROM employees e

JOIN works\_on w ON e.SSN = w.ESSN

WHERE e.SSN = emp\_id

GROUP BY e.fname, e.lname;

END;

**Task 3: Creating a Stored Procedure for Employee Count by Department**

CREATE PROCEDURE sp\_department\_employee\_count ()

BEGIN

SELECT d.dept\_id, d.dept\_name, COUNT(e.SSN) AS employee\_count

FROM departments d

JOIN employees e ON d.dept\_id = e.dept\_id

GROUP BY d.dept\_id, d.dept\_name

HAVING COUNT(e.SSN) > 5;

END;