CREATE TABLE employees (

employee\_id NUMBER PRIMARY KEY,

last\_name VARCHAR2(50),

department\_id NUMBER,

salary NUMBER

);

-- Insert sample data

INSERT INTO employees (employee\_id, last\_name, department\_id, salary) VALUES (1, 'Smith', 10, 4000);

INSERT INTO employees (employee\_id, last\_name, department\_id, salary) VALUES (2, 'Johnson', 20, 5000);

INSERT INTO employees (employee\_id, last\_name, department\_id, salary) VALUES (3, 'Williams', 10, 4500);

INSERT INTO employees (employee\_id, last\_name, department\_id, salary) VALUES (4, 'Brown', 30, 6000);

INSERT INTO employees (employee\_id, last\_name, department\_id, salary) VALUES (5, 'Davis', 20, 5500);

SELECT department\_id, MAX(salary) AS max\_salary

FROM employees

GROUP BY department\_id;







