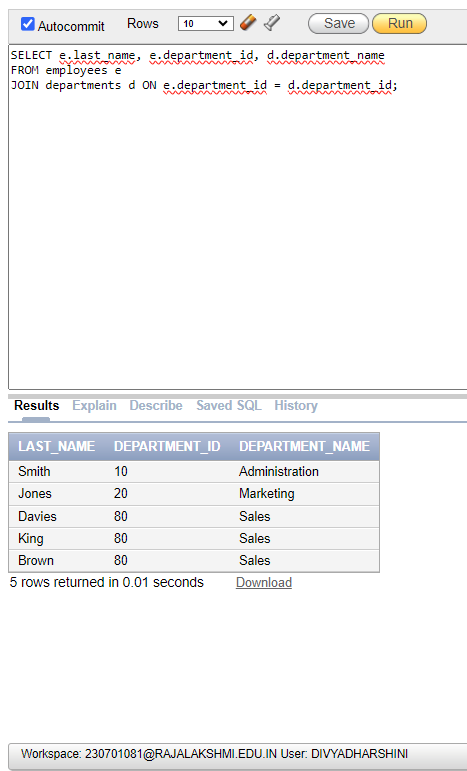
EXP 8

1) SELECT e.last\_name, e.department\_id, d.department\_name

FROM employees e

JOIN departments d ON e.department\_id = d.department\_id;



2) SELECT DISTINCT j.job\_title, l.city

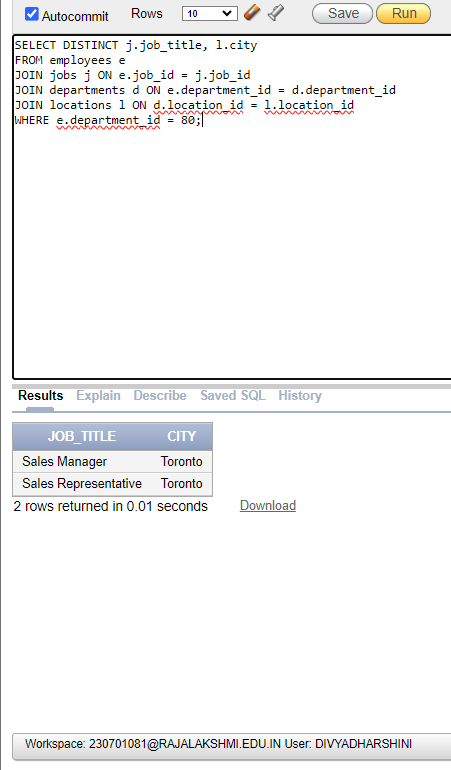
FROM employees e

JOIN jobs j ON e.job\_id = j.job\_id

JOIN departments d ON e.department\_id = d.department\_id

JOIN locations l ON d.location\_id = l.location\_id

WHERE e.department\_id = 80;



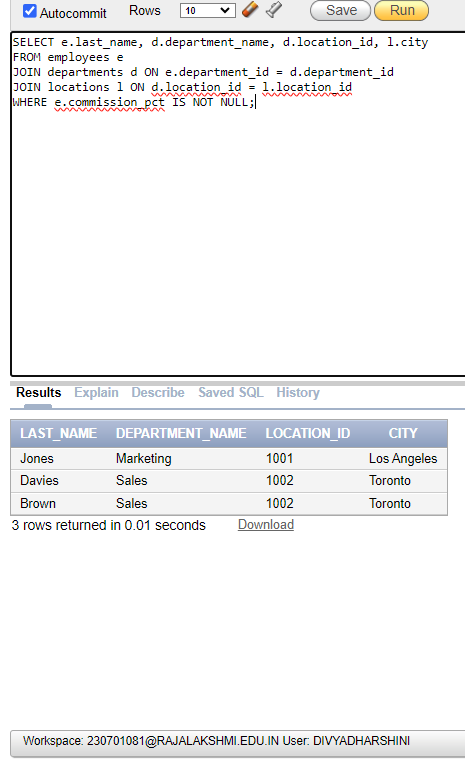
3) SELECT e.last\_name, d.department\_name, d.location\_id, l.city

FROM employees e

JOIN departments d ON e.department\_id = d.department\_id

JOIN locations l ON d.location\_id = l.location\_id

WHERE e.commission\_pct IS NOT NULL;



4) SELECT e.last\_name, d.department\_name

FROM employees e

JOIN departments d ON e.department\_id = d.department\_id

WHERE e.last\_name LIKE '%a%';



5) SELECT e.last\_name, j.job\_title, e.department\_id, d.department\_name

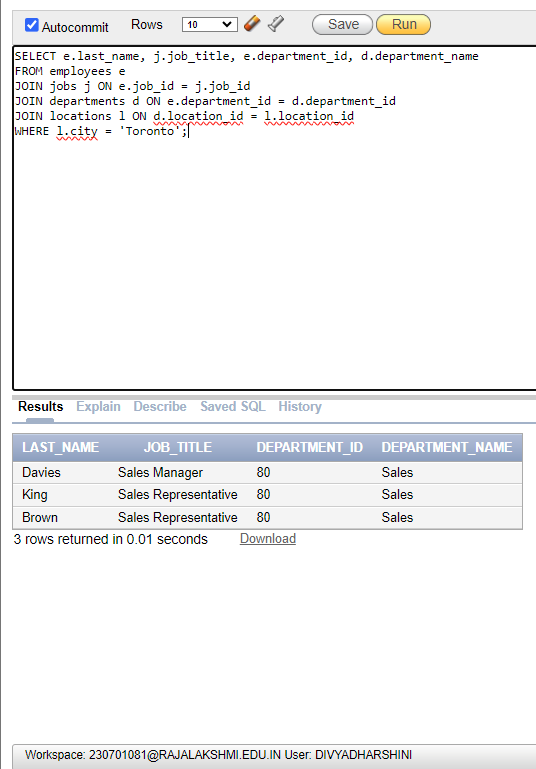
FROM employees e

JOIN jobs j ON e.job\_id = j.job\_id

JOIN departments d ON e.department\_id = d.department\_id

JOIN locations l ON d.location\_id = l.location\_id

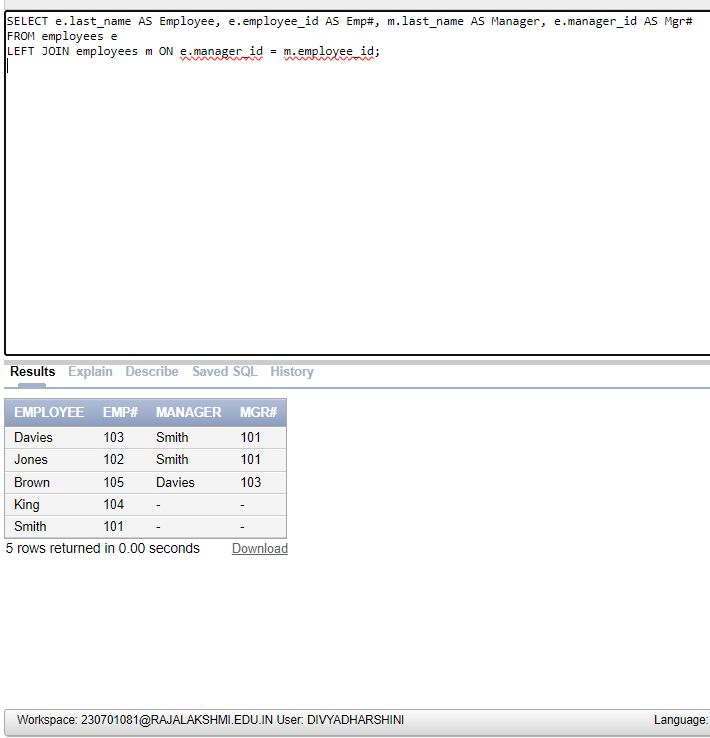
WHERE l.city = 'Toronto';



6) SELECT e.last\_name AS Employee, e.employee\_id AS Emp#, m.last\_name AS Manager, e.manager\_id AS Mgr#

FROM employees e

LEFT JOIN employees m ON e.manager\_id = m.employee\_id;

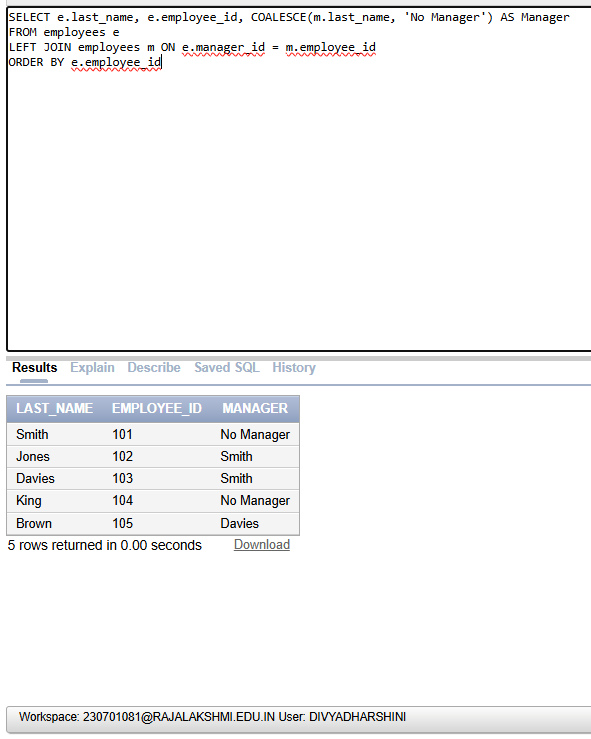


7) SELECT e.last\_name, e.employee\_id, COALESCE(m.last\_name, 'No Manager') AS Manager

FROM employees e

LEFT JOIN employees m ON e.manager\_id = m.employee\_id

ORDER BY e.employee\_id

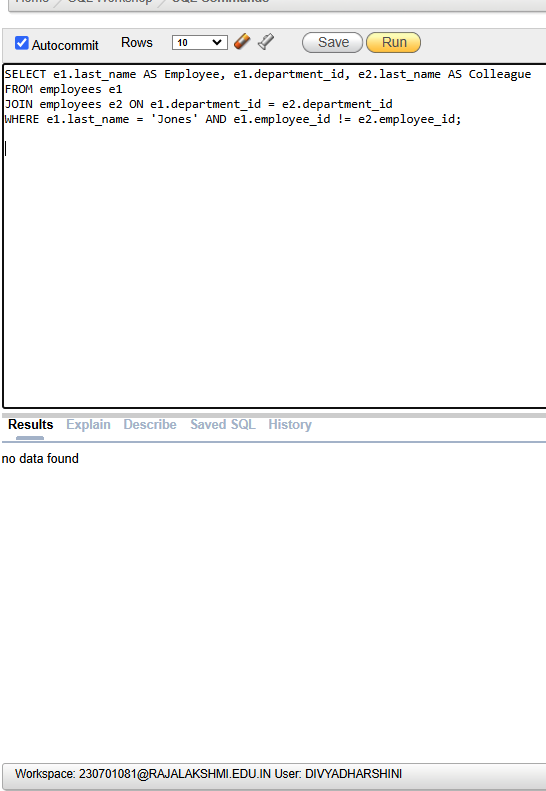


8) SELECT e1.last\_name AS Employee, e1.department\_id, e2.last\_name AS Colleague

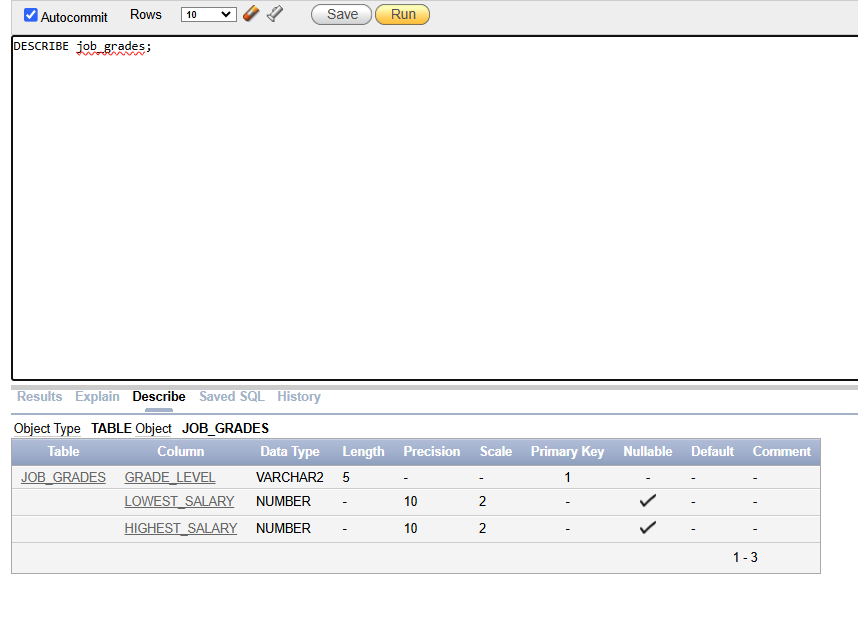
FROM employees e1

JOIN employees e2 ON e1.department\_id = e2.department\_id

WHERE e1.last\_name = 'Jones' AND e1.employee\_id != e2.employee\_id;



9) DESCRIBE job\_grades;



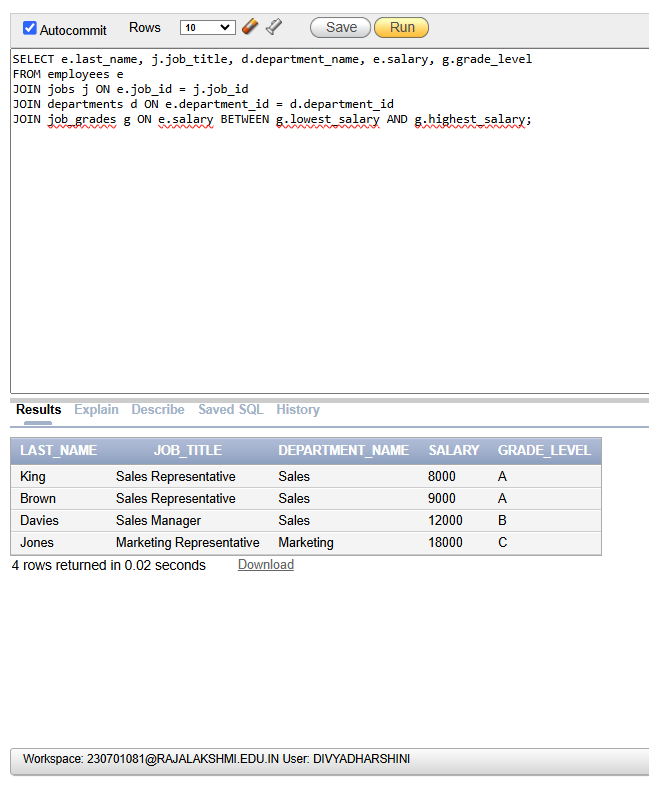
SELECT e.last\_name, j.job\_title, d.department\_name, e.salary, g.grade\_level

FROM employees e

JOIN jobs j ON e.job\_id = j.job\_id

JOIN departments d ON e.department\_id = d.department\_id

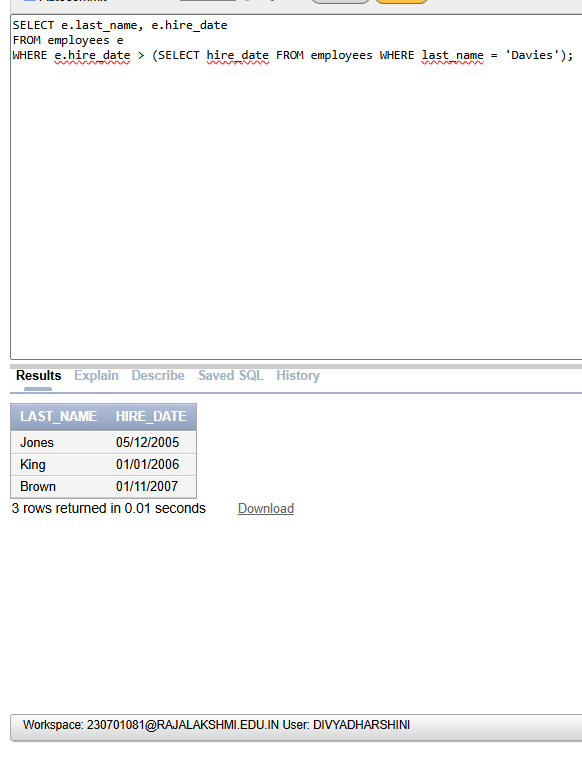
JOIN job\_grades g ON e.salary BETWEEN g.lowest\_salary AND g.highest\_salary;



10) SELECT e.last\_name, e.hire\_date

FROM employees e

WHERE e.hire\_date > (SELECT hire\_date FROM employees WHERE last\_name = 'Davies');



11) SELECT e.last\_name AS Employee, e.hire\_date AS

Emp\_Hired, m.last\_name AS Manager, m.hire\_date AS Mgr\_Hired

FROM employees e

JOIN employees m ON e.manager\_id = m.employee\_id

WHERE e.hire\_date < m.hire\_date;

