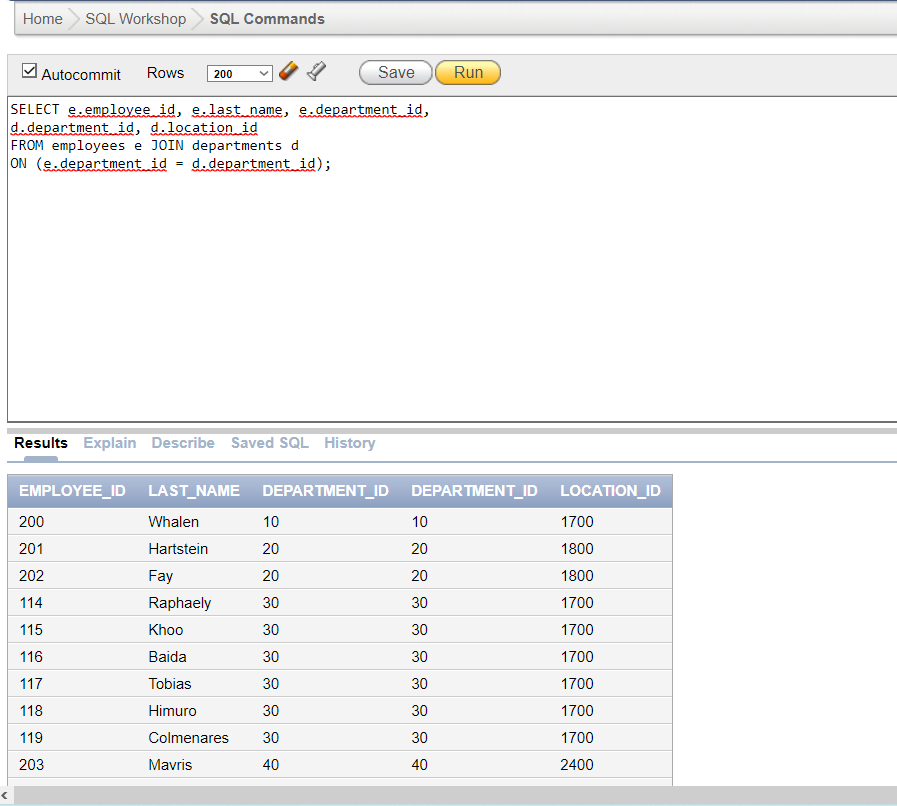
**Name: Kashan Humayun**

**Sap ID: 24773**

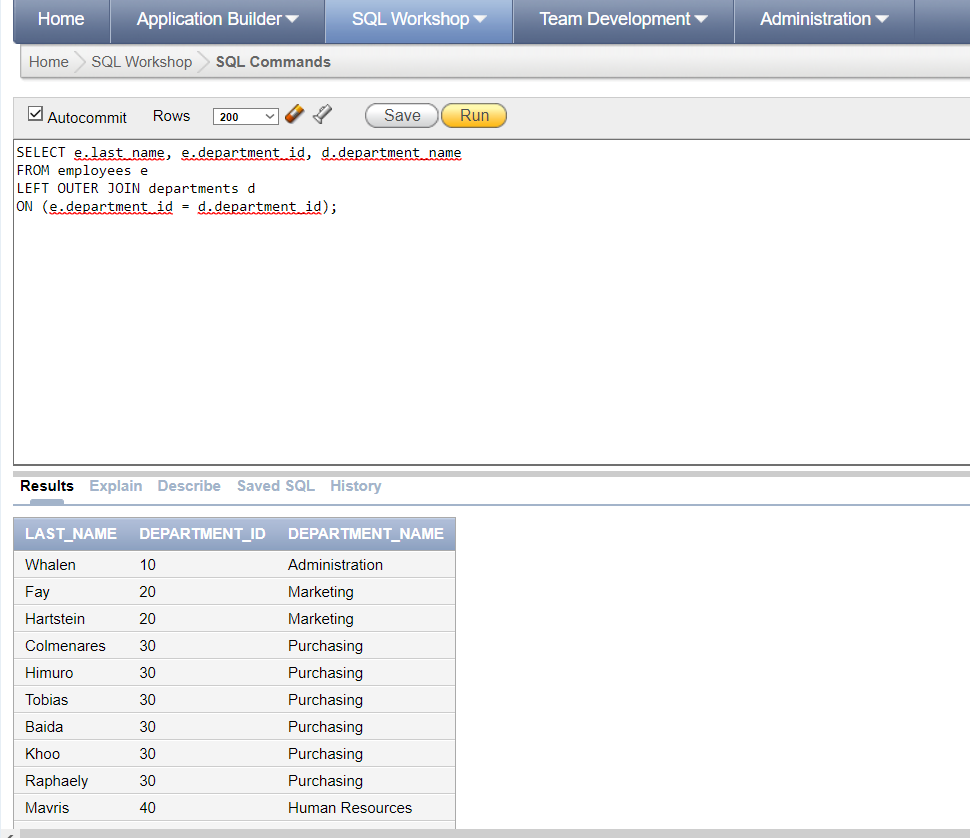
**Lab#5**

**Q1** Implement your Lab example here.

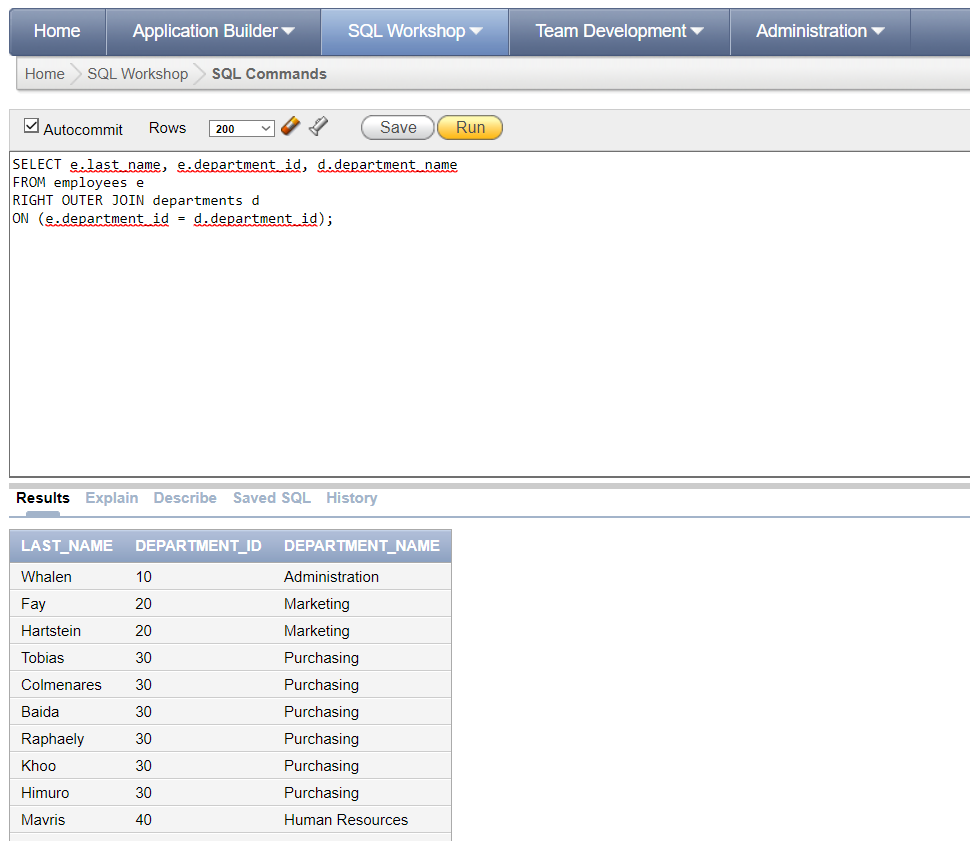
* SELECT e.employee\_id, e.last\_name, e.department\_id, d.department\_id, d.location\_id FROM employees e JOIN departments d ON (e.department\_id = d.department\_id); 
* SELECT e.last\_name, e.department\_id, d.department\_name

FROM employees e

LEFT OUTER JOIN departments d

ON (e.department\_id = d.department\_id);

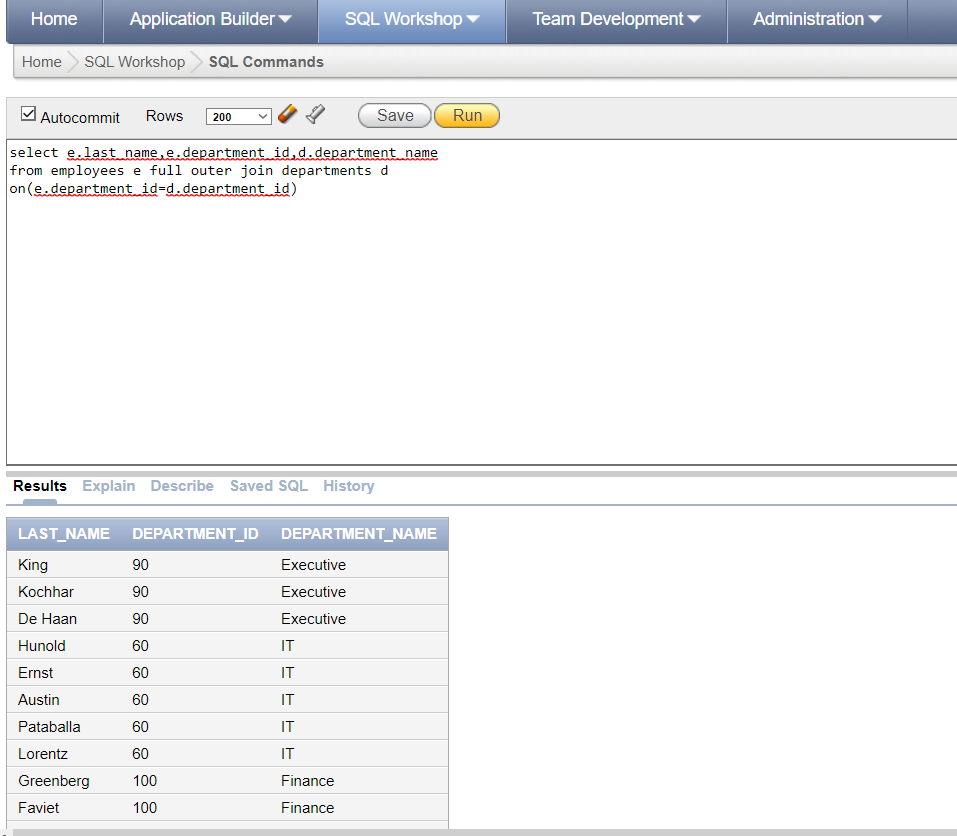
* SELECT e.last\_name, e.department\_id, d.department\_name FROM employees e RIGHT OUTER JOIN departments d ON (e.department\_id = d.department\_id);



* select e.last\_name,e.department\_id,d.department\_name

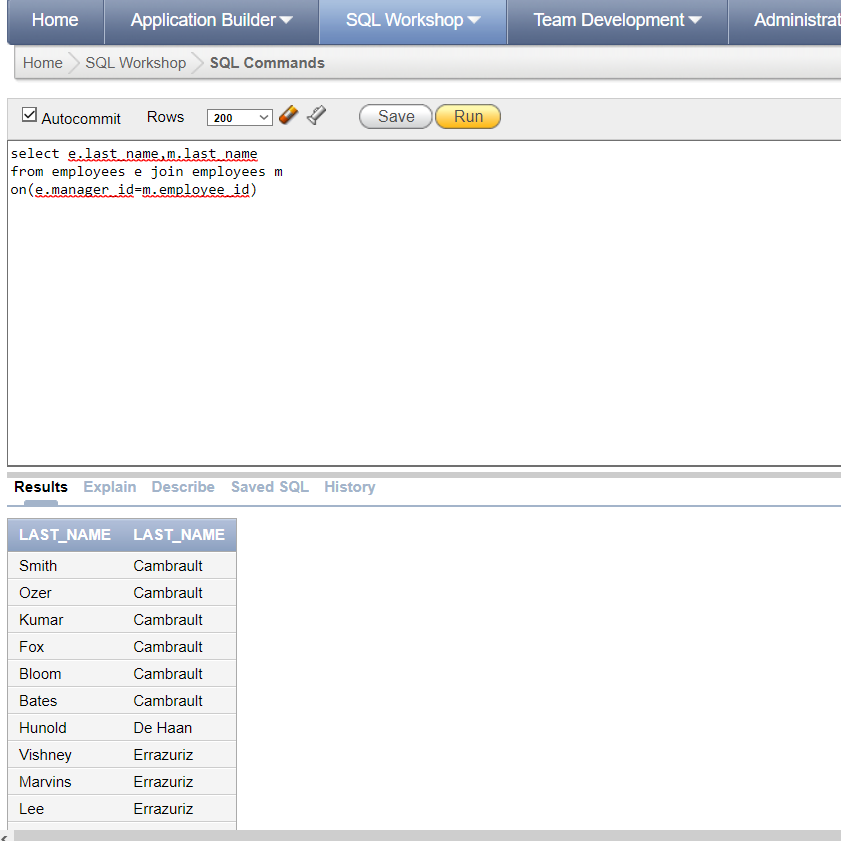
from employees e full outer join departments d

on(e.department\_id=d.department\_id)



* select e.last\_name,m.last\_name

from employees e join employees m

on(e.manager\_id=m.employee\_id) 

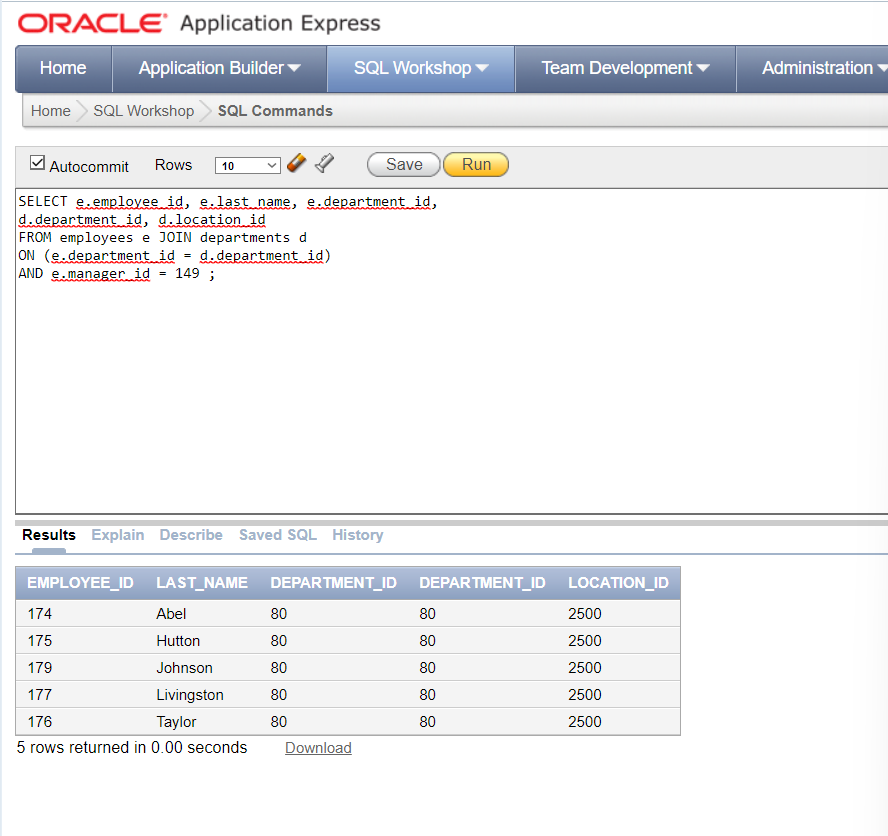
* SELECT e.employee\_id, e.last\_name, e.department\_id,

d.department\_id, d.location\_id

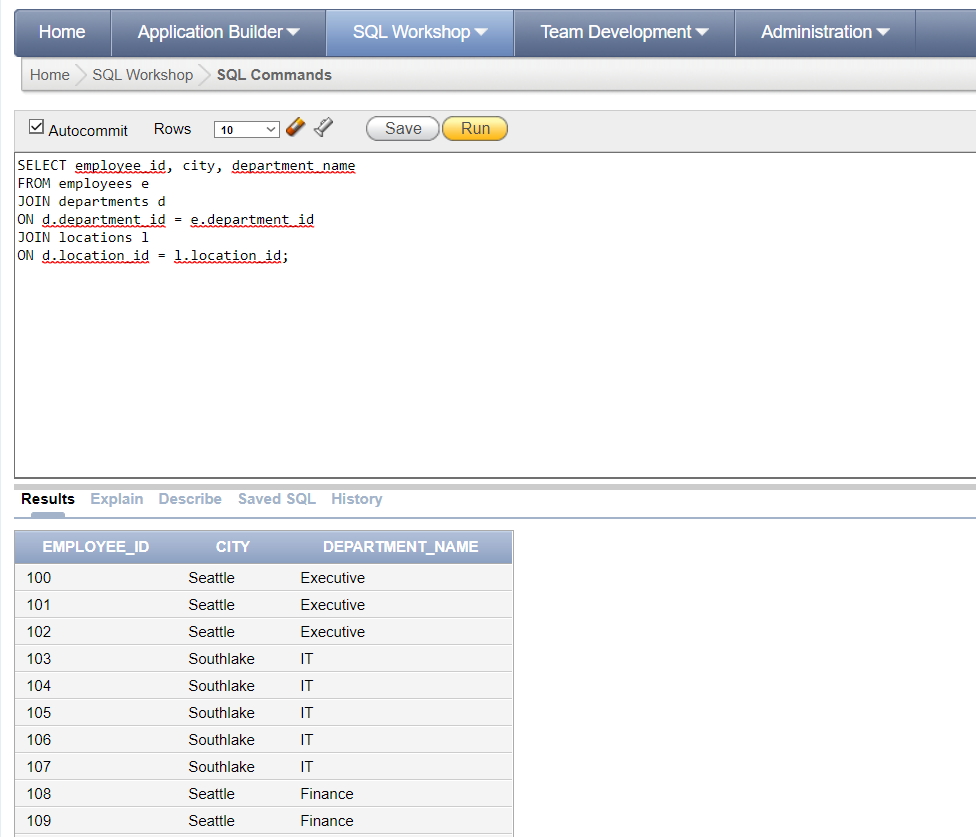
FROM employees e JOIN departments d

ON (e.department\_id = d.department\_id)

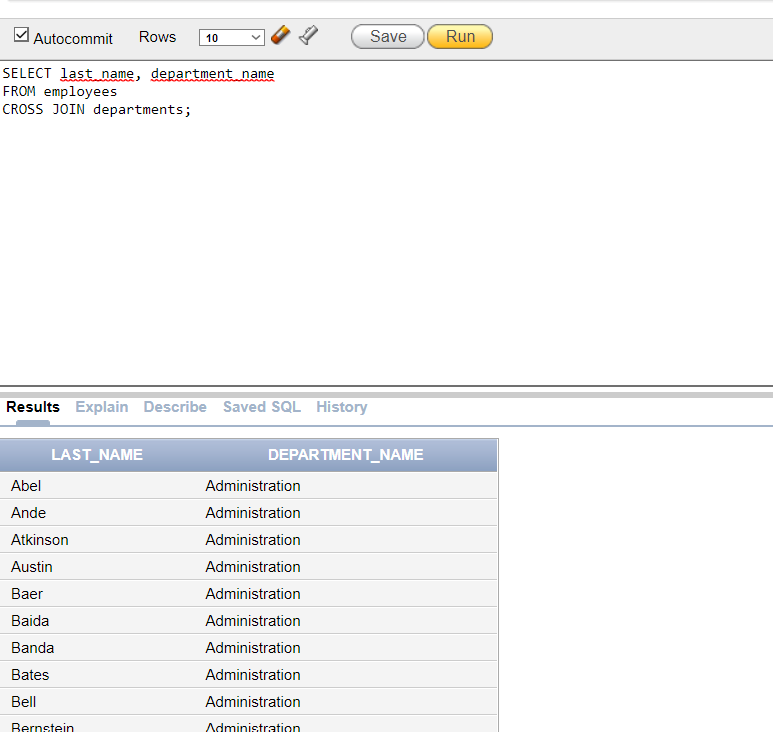
AND e.manager\_id = 149 ;



* SELECT employee\_id, city, department\_name FROM employees e JOIN departments d ON d.department\_id = e.department\_id JOIN locations l ON d.location\_id = l.location\_id;



* SELECT last\_name, department\_name FROM employees CROSS JOIN departments;

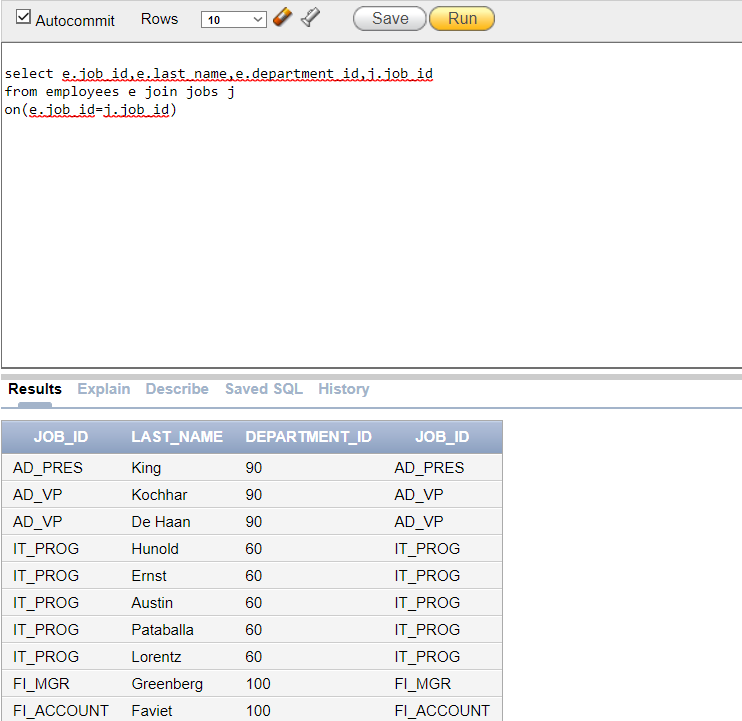


**Q2** Write a query that displays the job-title, employee last name, department id for all employees whose employee job-id is equal to job job-id.

* select e.job\_id,e.last\_name,e.department\_id,j.job\_id

from employees e join jobs j

on(e.job\_id=j.job\_id)



**Q3** Write a query to display employees’ last name and employee number along with their manager’s last name and manager number. Label the columns Employee, Emp#, Manager, and Mgr#, respectively.

* select e.last\_name as Employee,e.employee\_id as Emp#,m.last\_name as Manager, m.manager\_id as Mgr#

from employees e join employees m

on( e.manager\_id=m.employee\_id)

