



**56614**

**Kaleem**

**Lab task**

Q1: AND:

1



☒ Autocommit   Rows      Save Run

select LOCATION\_ID, STREET\_ADDRESS, CITY from locations where city = 'toronto' and COUNTRY\_ID = 'ca';

**Results**   Explain   Describe   Saved SQL   History

no data found

2

☒ Autocommit   Rows      Save Run

select DEPARTMENT\_ID, DEPARTMENT\_NAME from departments where MANAGER\_ID = 201 and LOCATION\_ID = 1800;

**Results**   Explain   Describe   Saved SQL   History

| DEPARTMENT_ID | DEPARTMENT_NAME |
|---------------|-----------------|
| 20            | Marketing       |

1 rows returned in 0.01 seconds   [Download](#)

3

select EMPLOYEE\_ID, JOB\_ID, HIRE\_DATE from employees where HIRE\_DATE < '01-01-2020' and DEPARTMENT\_ID = 50;

**Results**   Explain   Describe   Saved SQL   History

| EMPLOYEE_ID | JOB_ID   | HIRE_DATE  |
|-------------|----------|------------|
| 120         | ST_MAN   | 07/18/2004 |
| 121         | ST_MAN   | 04/10/2005 |
| 122         | ST_MAN   | 05/01/2003 |
| 123         | ST_MAN   | 10/10/2005 |
| 124         | ST_MAN   | 11/16/2007 |
| 125         | ST_CLERK | 07/16/2005 |
| 126         | ST_CLERK | 09/28/2006 |
| 127         | ST_CLERK | 01/14/2007 |
| 128         | ST_CLERK | 03/08/2008 |
| 129         | ST_CLERK | 08/20/2005 |

More than 10 rows available. Increase rows selector to view more rows.

OR:

1

```
SELECT employee_id, first_name, last_name, job_id FROM employees WHERE job_id = 'IT_PROG' OR job_id = 'SA_REP';
```

**Results** Explain Describe Saved SQL History

| EMPLOYEE_ID | FIRST_NAME  | LAST_NAME | JOB_ID  |
|-------------|-------------|-----------|---------|
| 103         | Alexander   | Hunold    | IT_PROG |
| 104         | Bruce       | Ernst     | IT_PROG |
| 105         | David       | Austin    | IT_PROG |
| 106         | Valli       | Pataballa | IT_PROG |
| 107         | Diana       | Lorentz   | IT_PROG |
| 150         | Peter       | Tucker    | SA_REP  |
| 151         | David       | Bernstein | SA_REP  |
| 152         | Peter       | Hall      | SA_REP  |
| 153         | Christopher | Olsen     | SA_REP  |
| 154         | Nanette     | Cambrault | SA_REP  |

2

```
SELECT employee_id, first_name, salary FROM employees WHERE salary < 3000 OR salary > 15000;
```

**Results** Explain Describe Saved SQL History

| EMPLOYEE_ID | FIRST_NAME | SALARY |
|-------------|------------|--------|
| 100         | Steven     | 24000  |
| 101         | Neena      | 17000  |
| 102         | Lex        | 17000  |
| 116         | Shelli     | 2900   |
| 117         | Sigal      | 2800   |
| 118         | Guy        | 2600   |
| 119         | Karen      | 2500   |
| 126         | Irene      | 2700   |
| 127         | James      | 2400   |
| 128         | Steven     | 2200   |

3

```
SELECT department_id, department_name FROM departments WHERE location_id = 1700 OR location_id = 1800;
```

**Results** Explain Describe Saved SQL History

| DEPARTMENT_ID | DEPARTMENT_NAME      |
|---------------|----------------------|
| 10            | Administration       |
| 30            | Purchasing           |
| 90            | Executive            |
| 100           | Finance              |
| 110           | Accounting           |
| 120           | Treasury             |
| 130           | Corporate Tax        |
| 140           | Control And Credit   |
| 150           | Shareholder Services |
| 160           | Benefits             |

4

```
SELECT job_id, job_title, max_salary FROM jobs WHERE max_salary = 25000 OR max_salary = 40000;
```

**Results** Explain Describe Saved SQL History

| JOB_ID  | JOB_TITLE | MAX_SALARY |
|---------|-----------|------------|
| AD_PRES | President | 40000      |

1 rows returned in 0.00 seconds [Download](#)

5

```
SELECT employee_id, first_name, last_name, department_id FROM employees WHERE department_id = 30 OR department_id = 50;
```

**Results** Explain Describe Saved SQL History

| EMPLOYEE_ID | FIRST_NAME | LAST_NAME  | DEPARTMENT_ID |
|-------------|------------|------------|---------------|
| 114         | Den        | Raphaely   | 30            |
| 115         | Alexander  | Khoo       | 30            |
| 116         | Shelli     | Baida      | 30            |
| 117         | Sigal      | Tobias     | 30            |
| 118         | Guy        | Himuro     | 30            |
| 119         | Karen      | Colmenares | 30            |
| 120         | Matthew    | Weiss      | 50            |
| 121         | Adam       | Fripp      | 50            |
| 122         | Payam      | Kaufling   | 50            |
| 123         | Shanta     | Vollman    | 50            |

More than 10 rows available. Increase rows selector to view more rows.

NOT:

1

```
select location_id, city, country_id from locations where country_id <> 'US';
```

**Results** Explain Describe Saved SQL History

| LOCATION_ID  | CITY       | COUNTRY_ID |
|--|------------|------------|
| 1000   | Roma       | IT         |
| 1100   | Venice     | IT         |
| 1200   | Tokyo      | JP         |
| 1300   | Hiroshima  | JP         |
| 1800   | Toronto    | CA         |
| 1900   | Whitehorse | CA         |
| 2000   | Beijing    | CN         |
| 2100   | Bombay     | IN         |
| 2200   | Sydney     | AU         |
| 2300   | Singapore  | SG         |
| More than 10 rows available. Increase rows selector to view more rows. |            |            |

2

```
select employee_id, salary from employees where department_id not in(50,80);
```

**Results** Explain Describe Saved SQL History

| EMPLOYEE_ID | SALARY |
|-------------|--------|
| 100         | 24000  |
| 101         | 17000  |
| 102         | 17000  |
| 103         | 9000   |
| 104         | 6000   |
| 105         | 4800   |
| 106         | 4800   |
| 107         | 4200   |
| 108         | 12008  |
| 109         | 9000   |

Order by:

1

```
select employee_id, first_name, department_id, salary from employees order by department_id asc, salary desc;
```

**Results** Explain Describe Saved SQL History

| EMPLOYEE_ID  | SALARY |
|--|--------|
| 100  | 24000  |
| 101  | 17000  |
| 102  | 17000  |
| 103  | 9000   |
| 104  | 6000   |
| 105  | 4800   |
| 106  | 4800   |
| 107  | 4200   |
| 108  | 12008  |
| 109  | 9000   |
| More than 10 rows available. Increase rows selector to view more rows. |        |

2

```
select department_id, department_name from departments order by department_name asc;
```

**Results** Explain Describe Saved SQL History

| DEPARTMENT_ID | DEPARTMENT_NAME    |
|---------------|--------------------|
| 110           | Accounting         |
| 10            | Administration     |
| 160           | Benefits           |
| 180           | Construction       |
| 190           | Contracting        |
| 140           | Control And Credit |
| 130           | Corporate Tax      |
| 90            | Executive          |
| 100           | Finance            |
| 240           | Government Sales   |

Functions:

```
select first_name || ' ' || job_id as employee_info, length(first_name) as name_length, instr(first_name, 'A') as position_of_a from employees where department_id = 110;
```

**Results** Explain Describe Saved SQL History



| EMPLOYEE_INFO      | NAME_LENGTH | POSITION_OF_A |
|--------------------|-------------|---------------|
| Shelley AC_MGR     | 7           | 0             |
| William AC_ACCOUNT | 7           | 0             |

Q2:

☒ Autocommit

Rows 

10

Save

Run

```
select lpad(first name || ' ' || last name, 30) as full name from employees where first name like '%a%' and salary in (6000, 8400, 8600, 6100);
```

**Results** Explain Describe Saved SQL History

| FULL_NAME       |
|-----------------|
| Sundita Kumar   |
| Jonathon Taylor |
| Jack Livingston |
| Pat Fay         |