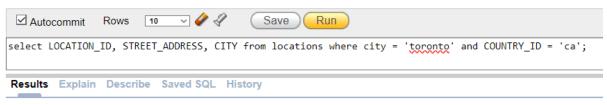
53530 Arbaz Khalid

Lab task:

Q1:

AND:

1)



no data found

2)



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 <u>Download</u>

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 row	s available. Increa	se 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

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. Increas	se rows selector to view more row

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:

