

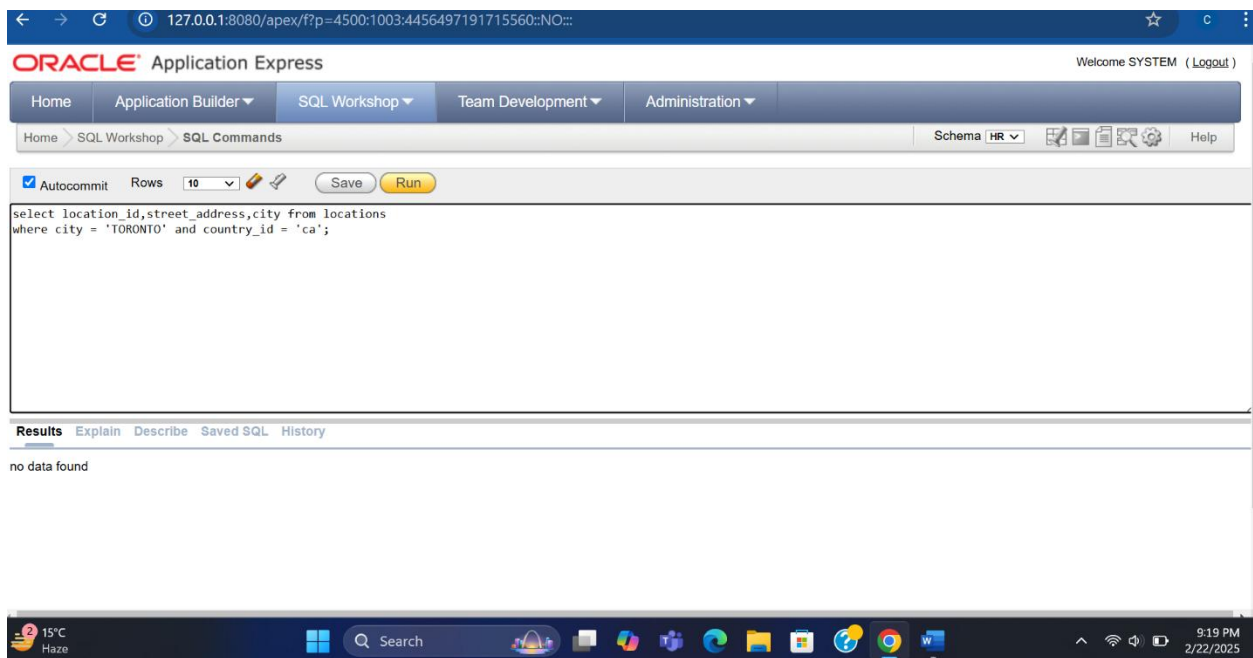
Name : Ch Mubashir

SAP : 56892.

Logical operators :

AND Operator :

EX 1



The screenshot displays the Oracle Application Express (APEX) SQL Workshop interface. The browser address bar shows the URL: 127.0.0.1:8080/apex/f?p=4500:1003:4456497191715560::NO::. The page header includes the Oracle logo and 'Application Express', along with a 'Welcome SYSTEM (Logout)' message. The navigation menu contains 'Home', 'Application Builder', 'SQL Workshop', 'Team Development', and 'Administration'. The breadcrumb trail indicates the current location: 'Home > SQL Workshop > SQL Commands'. The 'Schema' dropdown is set to 'HR'. The 'Autocommit' checkbox is checked, and the 'Rows' limit is set to 10. The 'Save' and 'Run' buttons are visible. The SQL command entered in the text area is: `select location_id,street_address,city from locations where city = 'TORONTO' and country_id = 'ca';`. Below the command area, the 'Results' tab is selected, showing the message 'no data found'. The Windows taskbar at the bottom indicates a temperature of 15°C, 'Haze' weather, and the time 9:19 PM on 2/22/2025.

EX 2:

127.0.0.1:8080/apex/f?p=4500:1003:4456497191715560::NO::

ORACLE Application Express Welcome SYSTEM (Logout)

Home Application Builder SQL Workshop Team Development Administration

Home SQL Workshop SQL Commands Schema HR Help

Autocommit Rows 10 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

15°C Haze 9:23 PM 2/22/2025

EX 3:

127.0.0.1:8080/apex/f?p=4500:1003:4456497191715560::NO::

ORACLE Application Express Welcome SYSTEM (Logout)

Home Application Builder SQL Workshop Team Development Administration

Home SQL Workshop SQL Commands Schema HR Help

Autocommit Rows 10 Save Run

```
SELECT EMPLOYEE_ID, JOB_ID, HIRE_DATE
FROM employees
WHERE HIRE_DATE < TO_DATE('01-JAN-2020', 'DD-MON-YYYY')
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

15°C Haze 9:37 PM 2/22/2025

OR Operator:

Ex 1 :

127.0.0.1:8080/apex/f?p=4500:1003:4456497191715560::NO::

Autocommit Rows 10 Save Run

```
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

15°C Haze 9:44 PM 2/22/2025

EX 2:

127.0.0.1:8080/apex/f?p=4500:1003:4456497191715560::NO::

Autocommit Rows 10 Save Run

```
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

15°C Haze 9:47 PM 2/22/2025

EX 3:

127.0.0.1:8080/apex/f?p=4500:1003:4456497191715560::NO::

☒ Autocommit Rows 10 Save Run

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

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

15°C Haze 9:50 PM 2/22/2025

EX 4:

127.0.0.1:8080/apex/f?p=4500:1003:4456497191715560::NO::

☒ Autocommit Rows 10 Save Run

```
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 0.01 seconds [Download](#)

Application Express 4.0.2.00.09

Workspace: HR User: SYSTEM Language: en | Copyright © 1999, 2010, Oracle. All rights reserved.

15°C Haze 9:53 PM 2/22/2025

EX 5 :

127.0.0.1:8080/apex/f?p=4500:1003:4456497191715560::NO::

☒ Autocommit Rows: 10 Save Run

```
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

15°C Haze 9:57 PM 2/22/2025

NOT Operator Returns TRUE if the following condition is FALSE

EX 1

127.0.0.1:8080/apex/f?p=4500:1003:4456497191715560::NO::

☒ Autocommit Rows: 10 Save Run

```
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

26°C Mostly cloudy 9:59 PM 2/22/2025

EX : 2

127.0.0.1:8080/apex/?p=4500:1003:4456497191715560:NO::

☒ Autocommit Rows 10 Save Run

```
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

26°C Mostly cloudy 10:04 PM 2/22/2025

Order by clause

EX : 1

127.0.0.1:8080/apex/?p=4500:1003:4456497191715560:NO::

☒ Autocommit Rows 10 Save Run

```
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	FIRST_NAME	DEPARTMENT_ID	SALARY
200	Jennifer	10	4400
201	Michael	20	13000
202	Pat	20	6000
114	Den	30	11000
115	Alexander	30	3100
116	Shelli	30	2900
117	Sigal	30	2800
118	Guy	30	2600
119	Karen	30	2500
203	Susan	40	8500

26°C Mostly cloudy 10:07 PM 2/22/2025

EX 2:

Autocommit Rows 10 Save Run

```
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

26°C Mostly cloudy 10:09 PM 2/22/2025

Q2 :

127.0.0.1:8080/apex/?p=4500:1003:4456497191715560:NO...

Autocommit Rows 10 Save Run

```
SELECT LPAD(CONCAT(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
SunditaKumar
JonathonTaylor
JackLivingston
PatFay

4 rows returned in 0.01 seconds Download

Workspace: HR User: SYSTEM Application Express 4.0.2.00.09 Language: en | Copyright © 1999, 2010, Oracle. All rights reserved.

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