

Tab 1

User: SYSTEM

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```
SELECT
  E.LAST_NAME,
  E.DEPARTMENT_ID,
  D.DEPARTMENT_NAME
FROM EMPLOYEES E
LEFT JOIN DEPARTMENTS D ON E.DEPARTMENT_ID = D.DEPARTMENT_ID;
```

Results [Explain](#) [Describe](#) [Saved SQL](#) [History](#)

LAST_NAME	DEPARTMENT_ID	DEPARTMENT_NAME
Fay	20	Marketing
Hartstein	20	Marketing
Ernst	60	IT
Hunold	60	IT
Smith	80	Executive
Jones	80	Executive
De Haan	90	Finance
Kochhar	90	Finance
King	90	Finance
Chen	100	-
Faviet	100	-
Greenberg	100	-

12 rows returned in 0.00 seconds

[CSV Export](#)

Tab 2

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```
SELECT DISTINCT E.JOB_ID, E.DEPARTMENT_ID , L.CITY, L.COUNTRY_ID , L.LOCATION_ID
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.DEPARTMENT_ID = 80;
```

Results Explain Describe Saved SQL History

JOB_ID	DEPARTMENT_ID	CITY	COUNTRY_ID	LOCATION_ID
SA_REP	80	Toronto	CA	1700

1 rows returned in 0.00 seconds

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Tab 3

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```
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;
```

Results Explain Describe Saved SQL History

LAST_NAME	DEPARTMENT_NAME	LOCATION_ID	CITY
Smith	Executive	1700	Toronto
Jones	Executive	1700	Toronto

2 rows returned in 0.00 seconds

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Tab 4

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```
SELECT E.EMPLOYEE_ID, E.LAST_NAME, D.DEPARTMENT_NAME
FROM EMPLOYEES E
JOIN DEPARTMENTS D ON E.DEPARTMENT_ID = D.DEPARTMENT_ID
WHERE LOWER(E.LAST_NAME) LIKE '%a%';
```

Results Explain Describe Saved SQL History

EMPLOYEE_ID	LAST_NAME	DEPARTMENT_NAME
118	Fay	Marketing
117	Hartstein	Marketing
102	De Haan	Finance
101	Kochhar	Finance

4 rows returned in 0.00 seconds

[CSV Export](#)

Tab 5

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```
SELECT
  E.LAST_NAME,
  E.JOB_ID,
  E.DEPARTMENT_ID,
  D.DEPARTMENT_NAME
FROM EMPLOYEES E
JOIN DEPARTMENTS D ON E.DEPARTMENT_ID = D.DEPARTMENT_ID
JOIN LOCATIONS L ON D.LOCATION_ID = L.LOCATION_ID
WHERE L.CITY = 'Toronto';
```

Results Explain Describe Saved SQL History

LAST_NAME	JOB_ID	DEPARTMENT_ID	DEPARTMENT_NAME
Smith	SA_REP	80	Executive
Jones	SA_REP	80	Executive

2 rows returned in 0.00 seconds

[CSV Export](#)

Tab 6

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```
SELECT
  E.LAST_NAME AS Employee,
  E.EMPLOYEE_ID AS Emp#,
  M.MANAGER_NAME AS Manager,
  M.MANAGER_ID AS Mgr#
FROM EMPLOYEES E
LEFT JOIN MANAGERS M ON E.MANAGER_ID = M.MANAGER_ID;
```

Results Explain Describe Saved SQL History

EMPLOYEE	EMP#	MANAGER	MGR#
Hartstein	117	Steven King	100
De Haan	102	Steven King	100
Kochhar	101	Steven King	100
Jones	114	Neena Kochhar	101
Greenberg	108	Neena Kochhar	101
Hunold	103	Lex De Haan	102
Ernst	104	Alexander Hunold	103
Chen	110	Nancy Greenberg	108
Faviet	109	Nancy Greenberg	108
Smith	115	Davies Jones	114
Fay	118	Michael Hartstein	117
King	100	-	-

12 rows returned in 0.00 seconds [CSV Export](#)

Tab 7

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```
SELECT
  E.EMPLOYEE_ID,
  E.LAST_NAME,
  NVL(M.MANAGER_NAME, 'No Manager') AS Manager
FROM EMPLOYEES E
LEFT JOIN MANAGERS M ON E.MANAGER_ID = M.MANAGER_ID
ORDER BY E.EMPLOYEE_ID;
```

Results Explain Describe Saved SQL History

EMPLOYEE_ID	LAST_NAME	MANAGER
100	King	No Manager
101	Kochhar	Steven King
102	De Haan	Steven King
103	Hunold	Lex De Haan
104	Ernst	Alexander Hunold
108	Greenberg	Neena Kochhar
109	Faviet	Nancy Greenberg
110	Chen	Nancy Greenberg
114	Jones	Neena Kochhar
115	Smith	Davies Jones
117	Hartstein	Steven King
118	Fay	Michael Hartstein

12 rows returned in 0.00 seconds

[CSV Export](#)

Tab 8

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```
SELECT
  E.LAST_NAME AS Employee,
  E.DEPARTMENT_ID AS Dept#,
  C.LAST_NAME AS Colleague
FROM EMPLOYEES E
JOIN EMPLOYEES C ON E.DEPARTMENT_ID = C.DEPARTMENT_ID
WHERE E.EMPLOYEE_ID = C.EMPLOYEE_ID
ORDER BY E.DEPARTMENT_ID , E.LAST_NAME;
```

Results Explain Describe Saved SQL History

EMPLOYEE	DEPT#	COLLEAGUE
Fay	20	Fay
Hartstein	20	Hartstein
Ernst	60	Ernst
Hunold	60	Hunold
Jones	80	Jones
Smith	80	Smith
De Haan	90	De Haan
King	90	King
Kochhar	90	Kochhar
Chen	100	Chen
Faviet	100	Faviet
Greenberg	100	Greenberg

12 rows returned in 0.00 seconds

[CSV Export](#)

Tab 9

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```
SELECT
  E.LAST_NAME,
  E.JOB_ID,
  D.DEPARTMENT_NAME,
  E.SALARY,
  J.GRADE_LEVEL
FROM EMPLOYEES E
JOIN DEPARTMENTS D ON E.DEPARTMENT_ID = D.DEPARTMENT_ID
JOIN JOB_GRADES J ON E.SALARY BETWEEN J.LOWEST_SAL AND J.HIGHEST_SAL;
```

Results Explain Describe Saved SQL History

LAST_NAME	JOB_ID	DEPARTMENT_NAME	SALARY	GRADE_LEVEL
Smith	SA_REP	Executive	5800	B
Hunold	IT_PROG	IT	9000	C
Ernst	IT_PROG	IT	6000	C
Jones	SA_REP	Executive	6000	C
Fay	MK_REP	Marketing	6000	C
Hartstein	MK_MAN	Marketing	13000	D
Kochhar	AD_VP	Finance	17000	E
De Haan	AD_VP	Finance	17000	E
King	AD_PRES	Finance	24000	F

9 rows returned in 0.00 seconds

[CSV Export](#)

Tab 10

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```
SELECT FIRST_NAME || ' ' || LAST_NAME AS Name, HIRE_DATE
FROM EMPLOYEES
WHERE HIRE_DATE > (
  SELECT HIRE_DATE FROM EMPLOYEES WHERE FIRST_NAME = 'Davies' AND LAST_NAME = 'Jones'
);
```

Results Explain Describe Saved SQL History

NAME	HIRE_DATE
Steven King	17-JUN-03
Neena Kochhar	21-SEP-05
Lex De Haan	13-JAN-01
Alexander Hunold	03-JAN-06
Bruce Ernst	21-MAY-07
Nancy Greenberg	17-AUG-02
Daniel Faviet	16-AUG-02
John Chen	28-SEP-05
James Smith	23-JAN-82
Michael Hartstein	17-FEB-96
Pat Fay	17-AUG-97

11 rows returned in 0.01 seconds

[CSV Export](#)

Tab 11

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```
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;
```

Results Explain Describe Saved SQL History

EMPLOYEE	EMP_HIRED	MANAGER	MGR_HIRED
Hartstein	17-FEB-96	King	17-JUN-03
De Haan	13-JAN-01	King	17-JUN-03
Jones	09-JUN-81	Kochhar	21-SEP-05
Greenberg	17-AUG-02	Kochhar	21-SEP-05
Faviet	16-AUG-02	Greenberg	17-AUG-02

5 rows returned in 0.02 seconds

[CSV Export](#)