

SQL Worksheet

Clear Find Actions Save Run

```
1 MAREESWARAN
2 *****
3 DAY-5
4 SELECT E.EMPLOYEE_ID,E.FIRST_NAME,E.MANAGER_ID,D.DEPARTMENT_ID,E.SALARY
5 FROM HR.EMPLOYEES E,HR.DEPARTMENTS D
6 WHERE E.DEPARTMENT_ID = D.DEPARTMENT_ID
```


EMPLOYEE_ID	FIRST_NAME	MANAGER_ID	DEPARTMENT_ID	SALARY
100	Steven	-	90	24000
101	Neena	100	90	17000
102	Lex	100	90	17000
103	Alexander	102	60	9000
104	Bruce	103	60	6000
105	David	103	60	4800
106	Valli	103	60	4800
107	Diana	103	60	4200
108	Nancy	101	100	12000
109	Daniel	108	100	9000
110	John	108	100	8200
111	Ismail	108	100	7700
112	Jose Manuel	108	100	7800
113	Luis	108	100	6900


SQL Worksheet Clear Find Actions Save Run

```
8 NON EQUI JOIN
9 *****
10 |
11 SELECT E.EMPLOYEE_ID,E.FIRST_NAME,D.DEPARTMENT_ID,E.SALARY
12 FROM HR.EMPLOYEES E,HR.DEPARTMENTS D
13 WHERE E.DEPARTMENT_ID != D.DEPARTMENT_ID
14
```


EMPLOYEE_ID	FIRST_NAME	DEPARTMENT_ID	SALARY
100	Steven	10	24000
100	Steven	20	24000
100	Steven	30	24000
100	Steven	40	24000
100	Steven	50	24000
100	Steven	60	24000
100	Steven	70	24000
100	Steven	80	24000
100	Steven	100	24000
100	Steven	110	24000
100	Steven	120	24000
100	Steven	130	24000
100	Steven	140	24000
100	Steven	150	24000


SQL Worksheet

 Clear

 Find

Actions ▾

 Save

 Run

```
15 INNER JOIN
16 *****
17 |
18 SELECT E.EMPLOYEE_ID,E.FIRST_NAME,D.DEPARTMENT_ID,E.SALARY
19 FROM HR.EMPLOYEES E JOIN HR.DEPARTMENTS D
20 ON E.DEPARTMENT_ID = D.DEPARTMENT_ID
21
```

EMPLOYEE_ID	FIRST_NAME	DEPARTMENT_ID	SALARY
100	Steven	90	24000
101	Neena	90	17000
102	Lex	90	17000
103	Alexander	60	9000
104	Bruce	60	6000
105	David	60	4800
106	Valli	60	4800
107	Diana	60	4200
108	Nancy	100	12008
109	Daniel	100	9000
110	John	100	8200
111	Ismail	100	7700
112	Jose Manuel	100	7800
113	Luis	100	6900

```
23
24
25
26 SELECT *
27 FROM HR.EMPLOYEES E RIGHT JOIN HR.DEPARTMENTS D
28 ON E.DEPARTMENT_ID = D.DEPARTMENT_ID
```

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID	DEPARTMENT_ID	DEPARTMENT_NAME	MANAGER_ID	LOCATION_ID
200	Jennifer	Whalen	JWHALEN	515.123.4444	17-SEP-03	AD_ASST	4400	-	101	10	10	Administration	200	1700
201	Michael	Hartstein	MHARTSTE	515.123.5555	17-FEB-04	MK_MAN	13000	-	100	20	20	Marketing	201	1800
202	Pat	Fay	PFAY	603.123.6666	17-AUG-05	MK_REP	6000	-	201	20	20	Marketing	201	1800
114	Den	Raphaely	DRAPHEAL	515.127.4561	07-DEC-02	PU_MAN	11000	-	100	30	30	Purchasing	114	1700
115	Alexander	Khoo	AKHOO	515.127.4562	18-MAY-03	PU_CLERK	3100	-	114	30	30	Purchasing	114	1700
116	Shelli	Baida	SBAIDA	515.127.4563	24-DEC-05	PU_CLERK	2900	-	114	30	30	Purchasing	114	1700
117	Sigal	Tobias	STOBIAS	515.127.4564	24-JUL-05	PU_CLERK	2800	-	114	30	30	Purchasing	114	1700
118	Guy	Himuro	GHIHURO	515.127.4565	15-NOV-06	PU_CLERK	2600	-	114	30	30	Purchasing	114	1700
119	Karen	Colmenares	KCOLMENA	515.127.4566	10-AUG-07	PU_CLERK	2500	-	114	30	30	Purchasing	114	1700
203	Susan	Navris	SHAVRIS	515.123.7777	07-JUN-02	HR_REP	6500	-	101	40	40	Human Resources	203	2400
120	Matthew	Weiss	MWEISS	650.123.1234	18-JUL-04	ST_MAN	8000	-	100	50	50	Shipping	121	1500
121	Adam	Fripp	AFRIPP	650.123.2234	10-APR-05	ST_MAN	8200	-	100	50	50	Shipping	121	1500
122	Payam	Kaufling	PKAUFLIN	650.123.3234	01-MAY-03	ST_MAN	7900	-	100	50	50	Shipping	121	1500
123	Shanta	Vollman	SVOLLMAN	650.123.4234	10-OCT-05	ST_MAN	6500	-	100	50	50	Shipping	121	1500

```
30 LEFT OUTER JOIN
31 *****
32
33 SELECT *
34 FROM HR.EMPLOYEES E LEFT JOIN HR.DEPARTMENTS D
35 ON E.DEPARTMENT_ID = D.DEPARTMENT_ID
```

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID	DEPARTMENT_ID	DEPARTMENT_NAME	MANAGER_ID	LOCATION_ID
100	Steven	King	SKING	515.123.4567	17-JUN-03	AD_PRES	24000	-	-	90	90	Executive	100	1700
101	Neena	Kochhar	NKOCHHAR	515.123.4568	21-SEP-05	AD_VP	17000	-	100	90	90	Executive	100	1700
102	Lex	De Haan	LDEHAAN	515.123.4569	13-JAN-01	AD_VP	17000	-	100	90	90	Executive	100	1700
103	Alexander	Hunold	AHUNOLD	590.423.4567	03-JAN-06	IT_PROG	9000	-	102	60	60	IT	103	1400
104	Bruce	Ernst	BERNST	590.423.4568	21-MAY-07	IT_PROG	6000	-	103	60	60	IT	103	1400
105	David	Austin	DAUSTIN	590.423.4569	25-JUN-05	IT_PROG	4800	-	103	60	60	IT	103	1400
106	Valli	Pataballa	VPATABAL	590.423.4560	05-FEB-06	IT_PROG	4800	-	103	60	60	IT	103	1400
107	Diana	Lorentz	DLORENTZ	590.423.5567	07-FEB-07	IT_PROG	4200	-	103	60	60	IT	103	1400
108	Nancy	Greenberg	NGREENBE	515.124.4569	17-AUG-02	FI_MGR	12000	-	101	100	100	Finance	108	1700
109	Daniel	Faviet	DFAVIET	515.124.4169	16-AUG-02	FI_ACCOUNT	9000	-	108	100	100	Finance	108	1700
110	John	Chen	JCHEN	515.124.4269	28-SEP-05	FI_ACCOUNT	8200	-	108	100	100	Finance	108	1700
111	Ismael	Sciarra	ISCIARRA	515.124.4369	30-SEP-05	FI_ACCOUNT	7700	-	108	100	100	Finance	108	1700
112	Jose Manuel	Urman	JMURMAN	515.124.4469	07-MAR-06	FI_ACCOUNT	7800	-	108	100	100	Finance	108	1700
113	Luis	Popp	LPOPP	515.124.4567	07-DEC-07	FI_ACCOUNT	6900	-	108	100	100	Finance	108	1700

SQL Worksheet

Clear Find Actions Save Run

```
37 FULL OUTER JOIN
38 *****
39
40 SELECT *
41 FROM HR.EMPLOYEES E FULL JOIN HR.DEPARTMENTS D
42 ON E.DEPARTMENT_ID = D.DEPARTMENT_ID
```

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID	DEPARTMENT_ID	DEPARTMENT_NAME	MANAGER_ID	LOCATION_ID
100	Steven	King	SKING	515.123.4567	17-JUN-03	AD_PRES	24000	-	-	90	90	Executive	100	1700
101	Neena	Kochhar	NKOCHHAR	515.123.4568	21-SEP-05	AD_VP	17000	-	100	90	90	Executive	100	1700
102	Lex	De Haan	LDEHAAN	515.123.4569	13-JAN-01	AD_VP	17000	-	100	90	90	Executive	100	1700
103	Alexander	Hunold	AHUNOLD	590.423.4567	03-JAN-06	IT_PROG	9000	-	102	60	60	IT	103	1400
104	Bruce	Ernst	BERNST	590.423.4568	21-MAY-07	IT_PROG	6000	-	103	60	60	IT	103	1400
105	David	Austin	DAUSTIN	590.423.4569	25-JUN-05	IT_PROG	4800	-	103	60	60	IT	103	1400
106	Valli	Pataballa	VPATABAL	590.423.4560	05-FEB-06	IT_PROG	4800	-	103	60	60	IT	103	1400
107	Diana	Lorentz	DLORENTZ	590.423.5567	07-FEB-07	IT_PROG	4200	-	103	60	60	IT	103	1400
108	Nancy	Greenberg	NGREENBE	515.124.4569	17-AUG-02	FI_MGR	12000	-	101	100	100	Finance	108	1700
109	Daniel	Faviet	DFAVIET	515.124.4169	16-AUG-02	FI_ACCOUNT	9000	-	108	100	100	Finance	108	1700
110	John	Chen	JCHEN	515.124.4269	28-SEP-05	FI_ACCOUNT	8200	-	108	100	100	Finance	108	1700
111	Ismael	Sciarra	ISCIARRA	515.124.4369	30-SEP-05	FI_ACCOUNT	7700	-	108	100	100	Finance	108	1700
112	Jose Manuel	Urman	JMURMAN	515.124.4469	07-MAR-06	FI_ACCOUNT	7800	-	108	100	100	Finance	108	1700
113	Luis	Popp	LPOPP	515.124.4567	07-DEC-07	FI_ACCOUNT	6900	-	108	100	100	Finance	108	1700