

1.find the 2nd highest salary using subquery and display all details?

```
select * from employees where salary = (
select max(salary)
from employees
where salary < (
select max(salary) from employees
)
);
```

Results Explain Describe Saved SQL History

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
101	Neena	Kochhar	NKOCHHAR	515.123.4568	21-SEP-89	AD_VP	17000	-	100	90
102	Lex	De Haan	LDEHAAN	515.123.4569	13-JAN-93	AD_VP	17000	-	100	90

2 rows returned in 0.00 seconds

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2. who are all get highest salary from department wise using multi column subquery?

```
select *
from employees
where (department_id, salary) in (
select department_id, max(salary)
from employees
group by department_id
);
```

Results Explain Describe Saved SQL History

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
108	Nancy	Greenberg	NGREENBE	515.124.4569	17-AUG-94	FI_MGR	12000	-	101	100
114	Den	Raphaely	DRAPHEAL	515.127.4561	07-DEC-94	PU_MAN	11000	-	100	30
100	Steven	King	SKING	515.123.4567	17-JUN-87	AD PRES	24000	-	-	90
201	Michael	Hartstein	MHARTSTE	515.123.5555	17-FEB-96	MK_MAN	13000	-	100	20
204	Hermann	Baer	HBAER	515.123.8888	07-JUN-94	PR_REP	10000	-	101	70
205	Shelley	Higgins	SHIGGINS	515.123.8080	07-JUN-94	AC_MGR	12000	-	101	110
121	Adam	Fripp	AFRIPP	650.123.2234	10-APR-97	ST_MAN	8200	-	100	50
145	John	Russell	JRUSSEL	011.44.1344.429268	01-OCT-96	SA_MAN	14000	.4	100	80
203	Susan	Mavris	SMAVRIS	515.123.7777	07-JUN-94	HR_REP	6500	-	101	40
103	Alexander	Hunold	AHUNOLD	590.423.4567	03-JAN-90	IT_PROG	9000	-	102	60
200	Jennifer	Whalen	JWHALEN	515.123.4444	17-SEP-87	AD_ASST	4400	-	101	10

11 rows returned in 0.00 seconds

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3. current salary of employees, max_salary and min_salary of employees and display first_name,salary,max_salary,min_salary?

```
select first_name, salary as current_salary,
       (select max(salary) from employees) as max_salary,
       (select min(salary) from employees) as min_salary
from employees;
```

Results Explain Describe Saved SQL History

FIRST_NAME	CURRENT_SALARY	MAX_SALARY	MIN_SALARY
Steven	24000	24000	2100
Neena	17000	24000	2100
Lex	17000	24000	2100
Alexander	9000	24000	2100
David	4800	24000	2100
Valli	4800	24000	2100
Diana	4200	24000	2100
Nancy	12000	24000	2100
Daniel	9000	24000	2100
John	8200	24000	2100
Ismael	7700	24000	2100
Jose Manuel	7800	24000	2100
Luis	6900	24000	2100
Den	11000	24000	2100
Alexander	3100	24000	2100
More than 15 rows available. Increase rows selector to view more rows.			

15 rows returned in 0.00 seconds

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