

Query Query History



Scratch Pad x



```
1 select ename,sal
2 from emp
3 where commision is not null;
```

Data Output Messages Notifications



**ename**  
character varying (20)

**sal**  
integer

1	KAPIL	16500
2	STEFEN	13200
3	DRAVID	20900
4	MARTIN	23100
5	SACHIN	20900

Query Query History



Scratch Pad ×



```
1 alter table emp
2 alter column ename type varchar(250);
```

Data Output Messages Notifications



ALTER TABLE

Query returned successfully in 56 msec.

Query

Query History

Scratch Pad

1

`select current_timestamp;`

Data Output

Messages

Notifications

current\_timestamp

timestamp with time zone

1

2023-04-14 10:10:38.801154+05:30

Query

Query History

Scratch Pad X

1 create table student(  
2 sid int primary key,  
3 sname varchar(20) not null,  
4 sdob date not null,  
5 sadd varchar(30) not null,  
6 sblood\_grp varchar(5) not null,  
7 sclass varchar(5) not null  
8 );

Data Output

Messages

Notifications

CREATE TABLE

Query returned successfully in 64 msec.

Query

Query History

Scratch Pad ×

1

select count(\*)

2

from emp

3

where sal>10000;

Data Output

Messages

Notifications

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	count	
	bigint	
1		5

Query

Query History

Scratch Pad

1

select min(sal),max(sal),avg(sal)

2

from emp;

Data Output

Messages

Notifications

	min integer	max integer	avg numeric
1	13200	23100	18920.000000000000

Query Query History



Scratch Pad x



```
1 select count(*),loc
2 from emp
3 left join dept
4 on emp.deptno=dept.deptno
5 group by loc
6
```

Data Output

Messages

Notifications



count  
bigint



loc

character varying (20)



1

1

[null]

2

2

DELHI

3

2

BANGALORE

Query

Query History

Scratch Pad

1

select

ename

2

from

emp

3

order by

ename

desc;

4

Data Output

Messages

Notifications

ename

character varying (250)

1

STEFEN

2

SACHIN

3

MARTIN

4

KAPIL

5

DRAVID



Query Query History



Scratch Pad ×



```
1 alter table emp  
2 rename to emp_bkp;  
3
```

Data Output Messages Notifications



ALTER TABLE

Query returned successfully in 111 msec.

Query Query History

Scratch Pad x

```
1 SELECT SUBSTRING(ename,1,3)
2 FROM emp_bkp
3 where sal is not null;
4
```

Data Output Messages Notifications



substring  
text



1	KAP
2	STE
3	DRA
4	MAR
5	SAC

Query Query History

Scratch Pad x

```
1 SELECT SUBSTRING(ename,1,3)
2 FROM emp_bkp
3 where sal is not null;
4
```

Data Output Messages Notifications



substring  
text



1	KAP
2	STE
3	DRA
4	MAR
5	SAC

Query

Query History

Scratch Pad

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1

2

3

4

5

6

select \*

from emp\_bkp

join dept

on emp\_bkp.deptno=dept.deptno

where loc='BANGALORE';

Data Output

Messages

Notifications

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	<div>empno</div> <div>integer</div>	<div>ename</div> <div>character varying (250)</div>	<div>sal</div> <div>integer</div>	<div>hire_date</div> <div>date</div>	<div>commision</div> <div>integer</div>	<div>deptno</div> <div>integer</div>	<div>mgr</div> <div>integer</div>	<div>deptno</div> <div>integer</div>	<div>dname</div> <div>character varying (20)</div>	<div>loc</div> <div>character varying (20)</div>
1	1002	KAPIL	16500	1970-01-01	2300	10	1003	10	ACCOUNTS	BANGALORE
2	1006	DRAVID	20900	1985-01-01	2400	10	1007	10	ACCOUNTS	BANGALORE

Query

Query History

Scratch Pad

1

select \*

2

from emp\_bkp

3

where ename like 'A%K';

4

Data Output

Messages

Notifications

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	<div><div>empno</div><div>[PK] integer</div></div>	<div><div>ename</div><div>character varying (250)</div></div>	<div><div>sal</div><div>integer</div></div>	<div><div>hire_date</div><div>date</div></div>	<div><div>commision</div><div>integer</div></div>	<div><div>deptno</div><div>integer</div></div>	<div><div>mgr</div><div>integer</div></div>
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Query Query History

Scratch Pad x

```
1 select ename
2 from emp_bkp
3 where mgr in (select empno
4               from emp_bkp
5               where ename='STEFEN');
6
```

Data Output Messages Notifications



**ename**  
character varying (250)

1 KAPIL

2 SACHIN



```
1 select ename
2 from emp_bkp
3 where empno in
4     (select mgr
5      from emp_bkp
6      group by mgr);
7
8
9
10
11
```



**ename**  
character varying (250)

1 STEFEN

2 MARTIN

Query

Query History

Scratch Pad

```

1 SELECT d.*,e.*, m.ename AS ManagerName
2 FROM emp e
3 JOIN dept d ON e.deptno = d.deptno
4 LEFT JOIN emp m ON e.mgr = m.empno
5 WHERE e.sal = (
6     SELECT DISTINCT sal
7     FROM emp
8     ORDER BY sal DESC
9     LIMIT 1 offset 1
10 );
11
12
13
14

```

Data Output

Messages

Notifications

	deptno integer	dname character varying (20)	loc character varying (20)	empno integer	ename character varying (250)	sal integer	hire_date date	commision integer	deptno integer	mgr integer	managername character varyin
1	10	ACCOUNTS	BANGALORE	1006	DRAVID	20900	1985-01-01	2400	10	1007	MARTIN
2	20	IT	DELHI	1001	SACHIN	20900	1980-01-01	2100	20	1003	STEFEN



Query

Query History

Scratch Pad

1

2

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7

8

select \*

from emp

where empno in (select mgr

from emp);

Data Output

Messages

Notifications

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	<div>empno</div> <div>[PK] integer</div>	<div>ename</div> <div>character varying (250)</div>	<div>sal</div> <div>integer</div>	<div>hire_date</div> <div>date</div>	<div>commision</div> <div>integer</div>	<div>deptno</div> <div>integer</div>	<div>mgr</div> <div>integer</div>
1	1003	STEFEN	13200	1990-01-01	500	20	1007
2	1007	MARTIN	23100	2000-01-01	1040	[null]	[null]

Query

Query History

Scratch Pad

1

2

3

4

5

6

7

8

select emp.\*,AGE(current\_date,hire\_date) as TotalExperience

from emp

where empno in (select mgr

from emp)

group by empno

Data Output

Messages

Notifications

	empno [PK] integer	ename character varying (250)	sal integer	hire_date date	commision integer	deptno integer	mgr integer	totalexperience interval
1	1003	STEFEN	13200	1990-01-01	500	20	1007	33 years 3 mons 13 days
2	1007	MARTIN	23100	2000-01-01	1040	[null]	[null]	23 years 3 mons 13 days



```
1 select ename
2 from emp
3 join dept
4 on emp.deptno=dept.deptno
5 where empno in (select mgr
6                  from emp) and commision<1000 and loc='DELHI';
7
```



	ename character varying (250)
1	STEFEN

Query

Query History

Scratch Pad

```
1 select *
2 from emp
3 where hire_date < (select hire_date
4                    from emp
5                    where ename like 'MARTIN')
6 order by hire_date;
7
```

Data Output

Messages

Notifications

	<div>empno</div> <div>[PK] integer</div>	<div>ename</div> <div>character varying (250)</div>	<div>sal</div> <div>integer</div>	<div>hire_date</div> <div>date</div>	<div>commision</div> <div>integer</div>	<div>deptno</div> <div>integer</div>	<div>mgr</div> <div>integer</div>
1	1002	KAPIL	16500	1970-01-01	2300	10	1003
2	1001	SACHIN	20900	1980-01-01	2100	20	1003
3	1006	DRAVID	20900	1985-01-01	2400	10	1007
4	1003	STEFEN	13200	1990-01-01	500	20	1007