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```
1   create table globaltech(emp_id int primary key,emp_name varchar(40),job_name varchar(40),manager_id int,hire_date date,salary float,commision float,dep_id int);
2   insert into globaltech values(68319,'kayling','president',null,to_date('1991-11-18','yyyy-mm-dd'),6000.00,null,1001);
3   insert into globaltech values(66928,'blaze','manager',68319,to_date('1991-05-01','yyyy-mm-dd'),2750.00,null,3001);
4   insert into globaltech values(67832,'clare','manager',68319,to_date('1991-06-09','yyyy-mm-dd'),2550.00,null,1001);
5   insert into globaltech values( 65646,'jonas','manager',68319,to_date('1991-04-02','yyyy-mm-dd'),2957.00,null,2001);
6   insert into globaltech values(  67858 ,'scarlet','analyst',65646,to_date('1997-04-19','yyyy-mm-dd'),3100.00,null,2001);
7   insert into globaltech values( 69062,'frank','analyst',65646,to_date('1991-12-03','yyyy-mm-dd'),3100.00,null,2001);
8   insert into globaltech values(  63679,'sandrine','clerk',69062,to_date('1990-12-18','yyyy-mm-dd'),900.00,null,2001);
9   insert into globaltech values( 64989,'adelyn','salesman',66928,to_date('1991-02-20','yyyy-mm-dd'),400.00,null,3001);
10  insert into globaltech values( 65271,'wade','salesman',66928,to_date('1991-02-22','yyyy-mm-dd'),1350.00,600.00,3001);
11  insert into globaltech values( 66564,'madden','salesman',66928,to_date('1991-09-28','yyyy-mm-dd'),1350.00,1500.00,3001);
12  insert into globaltech values( 68454,'tucker','salesman',66928,to_date('1991-09-08','yyyy-mm-dd'),1600.00,0.00,3001);
13  insert into globaltech values( 68736,'adrens','clerk',67858,to_date('1997-05-23','yyyy-mm-dd'),1200.00,null,2001);
14  insert into globaltech values( 69000,'julius','clerk',66928,to_date('1991-12-03','yyyy-mm-dd'),1050.00,null,3001);
15  insert into globaltech values( 69324,'marker','clerk',6782,to_date('1992-01-23','yyyy-mm-dd'),1400.00,null,1001);
16  select * from globaltech;
17  select emp_id,emp_name,salary,commision from globaltech;
18  select distinct dep_id,job_name from globaltech;
19  select * from globaltech where dep_id!=2001;
20  select avg(salary) from globaltech where job_name='analyst';
21
```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISION	DEP_ID
66564	madden	salesman	66928	28-SEP-91	1350	1500	3001
68454	tucker	salesman	66928	08-SEP-91	1600	0	3001
68736	adrens	clerk	67858	23-MAY-97	1200	-	2001
69000	julius	clerk	66928	03-DEC-91	1050	-	3001

SQL Worksheet   ⟳ Clear   🔍 Find   Actions ⌄   💾 Save   Run ▶

```
9   insert into globaltech values( 64989,'adelyn','salesman',66928,to_date('1991-02-20','yyyy-mm-dd'),400.00,null,3001);
10  insert into globaltech values( 65271,'wade','salesman',66928,to_date('1991-02-22','yyyy-mm-dd'),1350.00,600.00,3001);
11  insert into globaltech values( 66564,'madden','salesman',66928,to_date('1991-09-28','yyyy-mm-dd'),1350.00,1500.00,3001);
12  insert into globaltech values( 68454,'tucker','salesman',66928,to_date('1991-09-08','yyyy-mm-dd'),1600.00,0.00,3001);
13  insert into globaltech values( 68736,'adrens','clerk',67858,to_date('1997-05-23','yyyy-mm-dd'),1200.00,null,2001);
14  insert into globaltech values( 69000,'julius','clerk',66928,to_date('1991-12-03','yyyy-mm-dd'),1050.00,null,3001);
15  insert into globaltech values( 69324,'marker','clerk',6782,to_date('1992-01-23','yyyy-mm-dd'),1400.00,null,1001);
16  select * from globaltech;
17  select emp_id,emp_name,salary,commision from globaltech;
18  select distinct dep_id,job_name from globaltech;
19  select * from globaltech where dep_id!=2001;
20  select avg(salary) from globaltech where job_name='analyst';
21  select * from globaltech where emp_name = 'blaze';
22  select * from globaltech where commision > salary;
23  select * from globaltech where  (salary+0.25*salary)>3000;
24  select emp_name,length(emp_name) from globaltech;
25  select * from globaltech where to_char(hire_date,'mon')='jan';
26  select e.emp_name||'works for'||m.emp_name from globaltech e ,globaltech m where e.manager_id=m.emp_id;
27  select * from globaltech where job_name = 'clerk';
28  select * from globaltech where hire_date<to_date('1991-01-01','YYYY-MM-DD');
```

67858	scarlet	analyst	65646	19-APR-97	3100	-	2001
69062	frank	analyst	65646	03-DEC-91	3100	-	2001
63679	sandrine	clerk	69062	18-DEC-90	900	-	2001
64989	adelyn	salesman	66928	20-FEB-91	400	-	3001
65271	wade	salesman	66928	22-FEB-91	1350	600	1
68319	kayling	president	-	18-NOV-91	6000	-	1001

SQL Worksheet

Clear   Find   Actions   Save   Run

| 68319 | kayling | 6000 | - |

Download CSV
14 rows selected.

DEP_ID	JOB_NAME
3001	clerk
1001	clerk
1001	manager
2001	manager
3001	salesman
2001	clerk
3001	manager
1001	president
2001	analyst
1	salesman

Download CSV
10 rows selected.

| EMP_ID | EMP_NAME | JOB_NAME | MANAGER_ID | HIRE_DATE | SALARY | COMMISION | DEP_ID |

SQL Worksheet

Clear   Find   Actions   Save   Run

1001	president
2001	analyst
1	salesman

Download CSV
10 rows selected.

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISION	DEP_ID
66564	madden	salesman	66928	28-SEP-91	1350	1500	3001
68454	tucker	salesman	66928	08-SEP-91	1600	0	3001
69000	julius	clerk	66928	03-DEC-91	1050	-	3001
69324	marker	clerk	6782	23-JAN-92	1400	-	1001
66928	blaze	manager	68319	01-MAY-91	2750	-	3001
67832	clare	manager	68319	09-JUN-91	2550	-	1001
64989	adelyn	salesman	66928	20-FEB-91	400	-	3001
65271	wade	salesman	66928	22-FEB-91	1350	600	1
68319	kayling	president	-	18-NOV-91	6000	-	1001

Download CSV
9 rows selected.

SQL Worksheet   Clear   Find   Actions   Save   Run

67832	clare	manager	68319	09-JUN-91	2550	-	1001
64989	adelyn	salesman	66928	20-FEB-91	400	-	3001
65271	wade	salesman	66928	22-FEB-91	1350	600	1
68319	kayling	president	-	18-NOV-91	6000	-	1001

Download CSV
9 rows selected.

AVG(SALARY)
3100

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EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISION	DEP_ID
66928	blaze	manager	68319	01-MAY-91	2750	-	3001

Download CSV

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISION	DEP_ID
66564	madden	salesman	66928	28-SEP-91	1350	1500	3001

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SQL Worksheet   Clear   Find   Actions   Save   Run

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISION	DEP_ID
66928	blaze	manager	68319	01-MAY-91	2750	-	3001
67832	clare	manager	68319	09-JUN-91	2550	-	1001
65646	jonas	manager	68319	02-APR-91	2957	-	2001
67858	scarlet	analyst	65646	19-APR-97	3100	-	2001
69062	frank	analyst	65646	03-DEC-91	3100	-	2001
68319	kayling	president	-	18-NOV-91	6000	-	1001

Download CSV
6 rows selected.

EMP_NAME	LENGTH(EMP_NAME)
madden	6
tucker	6
adrens	6
julius	6
marker	6
blaze	5

Live SQL

SQL Worksheet

Clear   Find   Actions   Save   Run

EMP_NAME	LENGTH(EMP_NAME)
madden	6
tucker	6
adrens	6
julius	6
marker	6
blaze	5
clare	5
jonas	5
scarlet	7
frank	5
sandrine	8
adelyn	6
wade	4
kayling	7

Download CSV

14 rows selected.

Live SQL

SQL Worksheet

Clear   Find   Actions   Save   Run

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISION	DEP_ID
69324	marker	clerk	6782	23-JAN-92	1400	-	1001

Download CSV

E.EMP_NAME||'WORKSFOR'||M.EMP_NAME
maddenworks forblaze
tuckerworks forblaze
juliusworks forblaze
adelynworks forblaze
wadeworks forblaze
scarletworks forjonas
frankworks forjonas
adrensworks forscarlet
sandrineworks forfrank
blazeworks forkayling
clareworks forkayling
jonasworks forkayling

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sandrineworks forfrank	
blazeworks forkayling	
clareworks forkayling	
jonasworks forkayling	

Download CSV
12 rows selected.

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISION	DEP_ID
68736	adrens	clerk	67858	23-MAY-97	1200	-	2001
69000	julius	clerk	66928	03-DEC-91	1050	-	3001
69324	marker	clerk	6782	23-JAN-92	1400	-	1001
63679	sandrine	clerk	69062	18-DEC-90	900	-	2001

Download CSV
4 rows selected.

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISION	DEP_ID
63679	sandrine	clerk	69062	18-DEC-90	900	-	2001

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