

```
SQL> desc emp
```

Name	Null?	Type
EMPNO	NOT NULL	NUMBER(4)
ENAME		VARCHAR2(10)
JOB		VARCHAR2(9)
MGR		NUMBER(4)
HIREDATE		DATE
SAL		NUMBER(7,2)
COMM		NUMBER(7,2)
DEPTNO		NUMBER(2)

```
SQL> desc dept
```

Name	Null?	Type
DEPTNO	NOT NULL	NUMBER(2)
DNAME		VARCHAR2(14)
LOC		VARCHAR2(13)

```
SQL> select ename,job,sal  
2  from emp;
```

ENAME	JOB	SAL
SMITH	CLERK	800
ALLEN	SALESMAN	1600
WARD	SALESMAN	1250
JONES	MANAGER	2975
MARTIN	SALESMAN	1250
BLAKE	MANAGER	2850
CLARK	MANAGER	2450
SCOTT	ANALYST	3000
KING	PRESIDENT	5000
TURNER	SALESMAN	1500
ADAMS	CLERK	1100

ENAME	JOB	SAL
JAMES	CLERK	950
FORD	ANALYST	3000
MILLER	CLERK	1300

```
14 rows selected.
```

SQL> select empno,mgr,deptno
2 from emp;

EMPNO	MGR	DEPTNO
7369	7902	20
7499	7698	30
7521	7698	30
7566	7839	20
7654	7698	30
7698	7839	30
7782	7839	10
7788	7566	20
7839		10
7844	7698	30
7876	7788	20
7900	7698	30
7902	7566	20
7934	7782	10

14 rows selected.

SQL> select * from emp;

DEPTNO	EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DISP
20	7369	SMITH	CLERK	7902	17-DEC-80	800		
30	7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	
30	7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	
20	7566	JONES	MANAGER	7839	02-APR-81	2975		
30	7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	
30	7698	BLAKE	MANAGER	7839	01-MAY-81	2850		
10	7782	CLARK	MANAGER	7839	09-JUN-81	2450		
20	7788	SCOTT	ANALYST	7566	19-APR-87	3000		
10	7839	KING	PRESIDENT		17-NOV-81	5000		
30	7844	TURNER	SALESMAN	7698	08-SEP-81	1500		0
20	7876	ADAMS	CLERK	7788	23-MAY-87	1100		
30	7900	JAMES	CLERK	7698	03-DEC-81	950		
20	7902	FORD	ANALYST	7566	03-DEC-81	3000		
10	7934	MILLER	CLERK	7782	23-JAN-82	1300		

```
SQL> select job,hiredate,mgr  
2 from emp;
```

JOB	HIREDATE	MGR
CLERK	17-DEC-80	7902
SALESMAN	20-FEB-81	7698
SALESMAN	22-FEB-81	7698
MANAGER	02-APR-81	7839
SALESMAN	28-SEP-81	7698
MANAGER	01-MAY-81	7839
MANAGER	09-JUN-81	7839
ANALYST	19-APR-87	7566
PRESIDENT	17-NOV-81	
SALESMAN	08-SEP-81	7698
CLERK	23-MAY-87	7788
CLERK	03-DEC-81	7698
ANALYST	03-DEC-81	7566
CLERK	23-JAN-82	7782

14 rows selected.

```
SQL> select * from dept;
```

DEPTNO	DNAME	LOC
10	ACCOUNTING	NEW YORK
20	RESEARCH	DALLAS
30	SALES	CHICAGO
40	OPERATIONS	BOSTON

```
SQL> select sal,comm,ename  
2 from emp;
```

SAL	COMM	ENAME
800		SMITH
1600	300	ALLEN
1250	500	WARD
2975		JONES
1250	1400	MARTIN
2850		BLAKE
2450		CLARK
3000		SCOTT
5000		KING
1500	0	TURNER
1100		ADAMS
950		JAMES
3000		FORD
1300		MILLER

14 rows selected.

```
SQL> select dname,deptno  
2  from dept;
```

DNAME	DEPTNO
ACCOUNTING	10
RESEARCH	20
SALES	30
OPERATIONS	40

```
SQL> select loc,deptno  
2  from dept;
```

LOC	DEPTNO
NEW YORK	10
DALLAS	20
CHICAGO	30
BOSTON	40

```
SQL> select dname  
2  from dept;
```

DNAME
ACCOUNTING
RESEARCH
SALES
OPERATIONS

```
SQL> show user  
USER is "SCOTT"  
SQL> select * from tab;
```

TNAME	TABTYPE	CLUSTERID
BONUS	TABLE	
DEPT	TABLE	
EMP	TABLE	
SALGRADE	TABLE	

```
SQL> conn  
Enter user-name: hr  
Enter password:  
Connected.  
SQL> show user  
USER is "HR"  
SQL> select * from tab;
```

TNAME	TABTYPE	CLUSTERID
COUNTRIES	TABLE	
DEPARTMENTS	TABLE	
EMPLOYEES	TABLE	
EMP_DETAILS_VIEW	VIEW	
JOB_HISTORY	TABLE	
LOCATIONS	TABLE	
REGIONS	TABLE	

8 rows selected.

```
SQL> desc jobs
```

Name	Null?	Type
JOB_ID	NOT NULL	VARCHAR2(10)
JOB_TITLE	NOT NULL	VARCHAR2(35)
MIN_SALARY		NUMBER(6)
MAX_SALARY		NUMBER(6)

```
SQL> conn
```

```
Enter user-name: scott
```

```
Enter password:
```

```
Connected.
```

```
SQL> desc emp
```

Name	Null?	Type
EMPNO	NOT NULL	NUMBER(4)
ENAME		VARCHAR2(10)
JOB		VARCHAR2(9)
MGR		NUMBER(4)
HIREDATE		DATE
SAL		NUMBER(7,2)
COMM		NUMBER(7,2)
DEPTNO		NUMBER(2)

```
SQL> select * from emp;
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM
DEPTNO						
7369 20	SMITH	CLERK	7902	17-DEC-80	800	
7499 30	ALLEN	SALESMAN	7698	20-FEB-81	1600	300
7521 30	WARD	SALESMAN	7698	22-FEB-81	1250	500
EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM
DEPTNO						
7566 20	JONES	MANAGER	7839	02-APR-81	2975	
7654 30	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400
7698 30	BLAKE	MANAGER	7839	01-MAY-81	2850	
EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM
DEPTNO						
7782 10	CLARK	MANAGER	7839	09-JUN-81	2450	
7788 20	SCOTT	ANALYST	7566	19-APR-87	3000	
7839 10	KING	PRESIDENT		17-NOV-81	5000	
EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM
DEPTNO						
7844 30	TURNER	SALESMAN	7698	08-SEP-81	1500	0
7876 20	ADAMS	CLERK	7788	23-MAY-87	1100	
7900	JAMES	CLERK	7698	03-DEC-81	950	

7900	JAMES	CLERK	7698	03-DEC-81	950
30					

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM
DEPTNO						
7902	FORD	ANALYST	7566	03-DEC-81	3000	
20						
7934	MILLER	CLERK	7782	23-JAN-82	1300	
10						

14 rows selected.

```
SQL> set lines 1000 pages 1000
SQL> set lines 100 pages 100
SQL> select * from emp;
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM
EPTNO						
7369	SMITH	CLERK	7902	17-DEC-80	800	
20	7499	ALLEN	7698	20-FEB-81	1600	300
30	7521	WARD	7698	22-FEB-81	1250	500
30	7566	JONES	7839	02-APR-81	2975	
20	7654	MARTIN	7698	28-SEP-81	1250	1400
30	7698	BLAKE	7839	01-MAY-81	2850	
30	7782	CLARK	7839	09-JUN-81	2450	
10	7788	SCOTT	7566	19-APR-82	3000	
20	7839	KING		17-NOV-81	5000	
10	7844	TURNER	7698	08-SEP-81	1500	0
30	7876	ADAMS	7788	23-MAY-82	1100	
20	7900	JAMES	7698	03-DEC-81	950	
30	7902	FORD	7566	03-DEC-81	3000	
20	7934	MILLER	7782	23-JAN-82	1300	
10						

14 rows selected.

```
SQL> select sal as salary  
  2  from emp;
```

SALARY

800
1600
1250
2975
1250
2850
2450
3000
5000
1500
1100
950
3000
1300

14 rows selected.

```
SQL> select sal salary  
  2  from emp;
```

SALARY

800
1600
1250
2975
1250
2850
2450
3000
5000
1500
1100
950
3000
1300

14 rows selected.

```
SQL> select sal salary,mgr managerno  
2 from emp;
```

SALARY	MANAGERNO
--------	-----------

800	7902
1600	7698
1250	7698
2975	7839
1250	7698
2850	7839
2450	7839
3000	7566
5000	
1500	7698
1100	7788
950	7698
3000	7566
1300	7782

14 rows selected.

```
SQL> select ename,sal,sal+1000 newsal  
2 from emp;
```

ENAME	SAL	NEWSAL
-------	-----	--------

SMITH	800	1800
ALLEN	1600	2600
WARD	1250	2250
JONES	2975	3975
MARTIN	1250	2250
BLAKE	2850	3850
CLARK	2450	3450
SCOTT	3000	4000
KING	5000	6000
TURNER	1500	2500
ADAMS	1100	2100
JAMES	950	1950
FORD	3000	4000
MILLER	1300	2300

14 rows selected.

```
SQL> select ename,job,sal,sal-500 newsal  
2 from emp;
```

ENAME	JOB	SAL	NEWSAL
SMITH	CLERK	800	300
ALLEN	SALESMAN	1600	1100
WARD	SALESMAN	1250	750
JONES	MANAGER	2975	2475
MARTIN	SALESMAN	1250	750
BLAKE	MANAGER	2850	2350
CLARK	MANAGER	2450	1950
SCOTT	ANALYST	3000	2500
KING	PRESIDENT	5000	4500
TURNER	SALESMAN	1500	1000
ADAMS	CLERK	1100	600
JAMES	CLERK	950	450
FORD	ANALYST	3000	2500
MILLER	CLERK	1300	800

14 rows selected.

```
SQL> select ename,hiredate,mgr,sal,sal*12 annsal  
2 from emp;
```

ENAME	HIREDATE	MGR	SAL	ANNSAL
SMITH	17-DEC-80	7902	800	9600
ALLEN	20-FEB-81	7698	1600	19200
WARD	22-FEB-81	7698	1250	15000
JONES	02-APR-81	7839	2975	35700
MARTIN	28-SEP-81	7698	1250	15000
BLAKE	01-MAY-81	7839	2850	34200
CLARK	09-JUN-81	7839	2450	29400
SCOTT	19-APR-87	7566	3000	36000
KING	17-NOV-81		5000	60000
TURNER	08-SEP-81	7698	1500	18000
ADAMS	23-MAY-87	7788	1100	13200
JAMES	03-DEC-81	7698	950	11400
FORD	03-DEC-81	7566	3000	36000
MILLER	23-JAN-82	7782	1300	15600

14 rows selected.

```
SQL> select ename,empno,comm,comm+300 newcomm  
2  from emp;
```

ENAME	EMPNO	COMM	NEWCOMM
SMITH	7369		
ALLEN	7499	300	600
WARD	7521	500	800
JONES	7566		
MARTIN	7654	1400	1700
BLAKE	7698		
CLARK	7782		
SCOTT	7788		
KING	7839		
TURNER	7844	0	300
ADAMS	7876		
JAMES	7900		
FORD	7902		
MILLER	7934		

14 rows selected.

```
SQL> select ename,deptno,comm,comm-100 newcomm  
2  from emp;
```

ENAME	DEPTNO	COMM	NEWCOMM
SMITH	20		
ALLEN	30	300	200
WARD	30	500	400
JONES	20		
MARTIN	30	1400	1300
BLAKE	30		
CLARK	10		
SCOTT	20		
KING	10		
TURNER	30	0	-100
ADAMS	20		
JAMES	30		
FORD	20		
MILLER	10		

14 rows selected.

```
SQL> select ename,sal,sal+(sal*0.3) newsal  
2 from emp;
```

ENAME	SAL	NEWSAL
SMITH	800	1040
ALLEN	1600	2080
WARD	1250	1625
JONES	2975	3867.5
MARTIN	1250	1625
BLAKE	2850	3705
CLARK	2450	3185
SCOTT	3000	3900
KING	5000	6500
TURNER	1500	1950
ADAMS	1100	1430
JAMES	950	1235
FORD	3000	3900
MILLER	1300	1690

14 rows selected.

```
SQL> select ename,sal,sal*1.3 newsalnewsal  
2 from emp;
```

ENAME	SAL	NEWSALNEWSAL
SMITH	800	1040
ALLEN	1600	2080
WARD	1250	1625
JONES	2975	3867.5
MARTIN	1250	1625
BLAKE	2850	3705
CLARK	2450	3185
SCOTT	3000	3900
KING	5000	6500
TURNER	1500	1950
ADAMS	1100	1430
JAMES	950	1235
FORD	3000	3900
MILLER	1300	1690

14 rows selected.

```
SQL> select ename,job,sal,sal-(sal*0.3) newsal  
2 from emp;
```

ENAME	JOB	SAL	NEWSAL
SMITH	CLERK	800	560
ALLEN	SALESMAN	1600	1120
WARD	SALESMAN	1250	875
JONES	MANAGER	2975	2082.5
MARTIN	SALESMAN	1250	875
BLAKE	MANAGER	2850	1995
CLARK	MANAGER	2450	1715
SCOTT	ANALYST	3000	2100
KING	PRESIDENT	5000	3500
TURNER	SALESMAN	1500	1050
ADAMS	CLERK	1100	770
JAMES	CLERK	950	665
FORD	ANALYST	3000	2100
MILLER	CLERK	1300	910

14 rows selected.

```
SQL> select ename,job,sal,sal*0.7 newsal  
2 from emp;
```

ENAME	JOB	SAL	NEWSAL
SMITH	CLERK	800	560
ALLEN	SALESMAN	1600	1120
WARD	SALESMAN	1250	875
JONES	MANAGER	2975	2082.5
MARTIN	SALESMAN	1250	875
BLAKE	MANAGER	2850	1995
CLARK	MANAGER	2450	1715
SCOTT	ANALYST	3000	2100
KING	PRESIDENT	5000	3500
TURNER	SALESMAN	1500	1050
ADAMS	CLERK	1100	770
JAMES	CLERK	950	665
FORD	ANALYST	3000	2100
MILLER	CLERK	1300	910

14 rows selected.

```
SQL> select ename,mgr,sal,comm,comm*1.2 newcomm  
2 from emp;
```

ENAME	MGR	SAL	COMM	NECOMM
SMITH	7902	800		
ALLEN	7698	1600	300	360
WARD	7698	1250	500	600
JONES	7839	2975		
MARTIN	7698	1250	1400	1680
BLAKE	7839	2850		
CLARK	7839	2450		
SCOTT	7566	3000		
KING		5000		
TURNER	7698	1500	0	0
ADAMS	7788	1100		
JAMES	7698	950		
FORD	7566	3000		
MILLER	7782	1300		

14 rows selected.

```
SQL> select ename,mgr,sal,comm,(comm*0.2) newcomm  
2 from emp;
```

ENAME	MGR	SAL	COMM	NECOMM
SMITH	7902	800		
ALLEN	7698	1600	300	60
WARD	7698	1250	500	100
JONES	7839	2975		
MARTIN	7698	1250	1400	280
BLAKE	7839	2850		
CLARK	7839	2450		
SCOTT	7566	3000		
KING		5000		
TURNER	7698	1500	0	0
ADAMS	7788	1100		
JAMES	7698	950		
FORD	7566	3000		
MILLER	7782	1300		

14 rows selected.

```
SQL> select ename,comm,comm*0.9 newcomm  
2  from emp;
```

ENAME	COMM	NECOMM
SMITH		
ALLEN	300	270
WARD	500	450
JONES		
MARTIN	1400	1260
BLAKE		
CLARK		
SCOTT		
KING		
TURNER	0	0
ADAMS		
JAMES		
FORD		
MILLER		

14 rows selected.

```
SQL> select ename,comm,comm-(comm*0.1) newcomm  
2  from emp;
```

ENAME	COMM	NECOMM
SMITH		
ALLEN	300	270
WARD	500	450
JONES		
MARTIN	1400	1260
BLAKE		
CLARK		
SCOTT		
KING		
TURNER	0	0
ADAMS		
JAMES		
FORD		
MILLER		

14 rows selected.

```
SQL> select ename,empno,comm,comm*12 anncomm  
2 from emp;
```

ENAME	EMPNO	COMM	ANNCOMM
SMITH	7369		
ALLEN	7499	300	3600
WARD	7521	500	6000
JONES	7566		
MARTIN	7654	1400	16800
BLAKE	7698		
CLARK	7782		
SCOTT	7788		
KING	7839		
TURNER	7844	0	0
ADAMS	7876		
JAMES	7900		
FORD	7902		
MILLER	7934		

14 rows selected.

```
SQL> select ename,sal,sal*6 halfsal  
2 from emp;
```

ENAME	SAL	HALFSAL
SMITH	800	4800
ALLEN	1600	9600
WARD	1250	7500
JONES	2975	17850
MARTIN	1250	7500
BLAKE	2850	17100
CLARK	2450	14700
SCOTT	3000	18000
KING	5000	30000
TURNER	1500	9000
ADAMS	1100	6600
JAMES	950	5700
FORD	3000	18000
MILLER	1300	7800

14 rows selected.

```
SQL> select ename,comm,comm*6 halfcomm,comm*3 quatalycomm  
2  from emp;
```

ENAME	COMM	HALFCOMM	QUATALYCOMM
SMITH			
ALLEN	300	1800	900
WARD	500	3000	1500
JONES			
MARTIN	1400	8400	4200
BLAKE			
CLARK			
SCOTT			
KING			
TURNER	0	0	0
ADAMS			
JAMES			
FORD			
MILLER			

14 rows selected.

```
SQL> select ename,sal,sal*12 annsal,(sal*12)+500 newsal  
2  from emp;
```

ENAME	SAL	ANNSAL	NEWSAL
SMITH	800	9600	10100
ALLEN	1600	19200	19700
WARD	1250	15000	15500
JONES	2975	35700	36200
MARTIN	1250	15000	15500
BLAKE	2850	34200	34700
CLARK	2450	29400	29900
SCOTT	3000	36000	36500
KING	5000	60000	60500
TURNER	1500	18000	18500
ADAMS	1100	13200	13700
JAMES	950	11400	11900
FORD	3000	36000	36500
MILLER	1300	15600	16100

14 rows selected.

```
SQL> select ename,deptno,sal,(sal*12)-2000 newsal  
2 from emp;
```

ENAME	DEPTNO	SAL	NEWSAL
SMITH	20	800	7600
ALLEN	30	1600	17200
WARD	30	1250	13000
JONES	20	2975	33700
MARTIN	30	1250	13000
BLAKE	30	2850	32200
CLARK	10	2450	27400
SCOTT	20	3000	34000
KING	10	5000	58000
TURNER	30	1500	16000
ADAMS	20	1100	11200
JAMES	30	950	9400
FORD	20	3000	34000
MILLER	10	1300	13600

14 rows selected.

```
SQL> select ename,mgr,sal,(sal+500)*12 annsal  
2 from emp;
```

ENAME	MGR	SAL	ANNSAL
SMITH	7902	800	15600
ALLEN	7698	1600	25200
WARD	7698	1250	21000
JONES	7839	2975	41700
MARTIN	7698	1250	21000
BLAKE	7839	2850	40200
CLARK	7839	2450	35400
SCOTT	7566	3000	42000
KING		5000	66000
TURNER	7698	1500	24000
ADAMS	7788	1100	19200
JAMES	7698	950	17400
FORD	7566	3000	42000
MILLER	7782	1300	21600

14 rows selected.

```
SQL> select ename,empno,comm,(comm+200)*12 anncomm,(((comm+200)*12)-100)*6 halfcomm
2 from emp;
```

ENAME	EMPNO	COMM	ANNCOMM	HALFCOMM
SMITH	7369			
ALLEN	7499	300	6000	35400
WARD	7521	500	8400	49800
JONES	7566			
MARTIN	7654	1400	19200	114600
BLAKE	7698			
CLARK	7782			
SCOTT	7788			
KING	7839			
TURNER	7844	0	2400	13800
ADAMS	7876			
JAMES	7900			
FORD	7902			
MILLER	7934			

14 rows selected.

```
SQL> select ename,sal*12 annsal,(sal*12)*1.3
2 from emp;
```

ENAME	ANNSAL	(SAL*12)*1.3
SMITH	9600	12480
ALLEN	19200	24960
WARD	15000	19500
JONES	35700	46410
MARTIN	15000	19500
BLAKE	34200	44460
CLARK	29400	38220
SCOTT	36000	46800
KING	60000	78000
TURNER	18000	23400
ADAMS	13200	17160
JAMES	11400	14820
FORD	36000	46800
MILLER	15600	20280

14 rows selected.

```
SQL> select ename,deptno,sal*12 annsal,(sal*12)*0.8 newannsal  
2 from emp;
```

ENAME	DEPTNO	ANNSAL	NEWANNSAL
SMITH	20	9600	7680
ALLEN	30	19200	15360
WARD	30	15000	12000
JONES	20	35700	28560
MARTIN	30	15000	12000
BLAKE	30	34200	27360
CLARK	10	29400	23520
SCOTT	20	36000	28800
KING	10	60000	48000
TURNER	30	18000	14400
ADAMS	20	13200	10560
JAMES	30	11400	9120
FORD	20	36000	28800
MILLER	10	15600	12480

14 rows selected.

```
SQL> select ename,empno,sal,sal*1.1 newsal,(sal*1.1)*6 halfsal  
2 from emp;
```

ENAME	EMPNO	SAL	NEWSAL	HALFSAL
SMITH	7369	800	880	5280
ALLEN	7499	1600	1760	10560
WARD	7521	1250	1375	8250
JONES	7566	2975	3272.5	19635
MARTIN	7654	1250	1375	8250
BLAKE	7698	2850	3135	18810
CLARK	7782	2450	2695	16170
SCOTT	7788	3000	3300	19800
KING	7839	5000	5500	33000
TURNER	7844	1500	1650	9900
ADAMS	7876	1100	1210	7260
JAMES	7900	950	1045	6270
FORD	7902	3000	3300	19800
MILLER	7934	1300	1430	8580

14 rows selected.

SQL> select ename,comm,comm*1.4 newcomm,(comm*1.4)*6 halfcomm,(((comm*1.4)*6)*0.9)*3
 2 from emp;

ENAME	COMM	NEWCOMM	HALFCOMM	$((COMM*1.4)*6)*0.9)*3$
SMITH				
ALLEN	300	420	2520	6804
WARD	500	700	4200	11340
JONES				
MARTIN	1400	1960	11760	31752
BLAKE				
CLARK				
SCOTT				
KING				
TURNER	0	0	0	0
ADAMS				
JAMES				
FORD				
MILLER				

14 rows selected.

SQL> select * from emp
 2 order by sal;

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	D
EPTNO							
7369	SMITH	CLERK	7902	17-DEC-80	800		
20	7900	JAMES	7698	03-DEC-81	950		
30	7876	ADAMS	7788	23-MAY-82	1100		
20	7521	WARD	7698	22-FEB-81	1250	500	
30	7654	MARTIN	7698	28-SEP-81	1250	1400	
30	7934	MILLER	7782	23-JAN-82	1300		
10	7844	TURNER	7698	08-SEP-81	1500	0	
30	7499	ALLEN	7698	20-FEB-81	1600	300	
30	7782	CLARK	7839	09-JUN-81	2450		
10	7698	BLAKE	7839	01-MAY-81	2850		
30	7566	JONES	7839	02-APR-81	2975		
20	7288	SCOTT	7566	19-APR-82	30000		

```
SQL> select ename,empno,sal  
2  from emp  
3  order by sal desc;
```

ENAME	EMPNO	SAL
KING	7839	5000
FORD	7902	3000
SCOTT	7788	3000
JONES	7566	2975
BLAKE	7698	2850
CLARK	7782	2450
ALLEN	7499	1600
TURNER	7844	1500
MILLER	7934	1300
WARD	7521	1250
MARTIN	7654	1250
ADAMS	7876	1100
JAMES	7900	950
SMITH	7369	800

14 rows selected.

```
SQL> select ename,sal,sal*12 annsal  
2  from emp  
3  order by sal*12 desc;
```

ENAME	SAL	ANNSAL
KING	5000	60000
FORD	3000	36000
SCOTT	3000	36000
JONES	2975	35700
BLAKE	2850	34200
CLARK	2450	29400
ALLEN	1600	19200
TURNER	1500	18000
MILLER	1300	15600
WARD	1250	15000
MARTIN	1250	15000
ADAMS	1100	13200
JAMES	950	11400
SMITH	800	9600

14 rows selected.

```
SQL> select ename,sal,sal*12 annsal  
2  from emp  
3  order by annsal desc;
```

ENAME	SAL	ANNSAL
KING	5000	60000
FORD	3000	36000
SCOTT	3000	36000
JONES	2975	35700
BLAKE	2850	34200
CLARK	2450	29400
ALLEN	1600	19200
TURNER	1500	18000
MILLER	1300	15600
WARD	1250	15000
MARTIN	1250	15000
ADAMS	1100	13200
JAMES	950	11400
SMITH	800	9600

```
14 rows selected.
```