

SQL*Plus: Release 11.2.0.2.0 Production on Thu Dec 19 16:24:01 2041

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SQL> connect

Enter user-name: system

Enter password: bsclab (not visible on the screen)

Connected.

SQL> CREATE Table Employee(EmpCode varchar2(4) primary key,Empname varchar(30));

Table created.

SQL> Desc Employee;

Name	Null?	Type

EMPCODE	NOT NULL	VARCHAR2(4)
EMPNAME		VARCHAR2(30)

SQL> Alter table Employee add(Job_Role varchar2(10), HireDate date,Basic number);

Table altered.

SQL> Desc Employee;

Name	Null?	Type

EMPCODE	NOT NULL	VARCHAR2(4)
EMPNAME		VARCHAR2(30)
JOB_ROLE		VARCHAR2(10)
HIREDATE		DATE
BASIC		NUMBER

SQL> insert into Employee values('E100','Amitava','Manager',DATE '2001-02-14',4000);

1 row created.

SQL> Alter table Employee add(HRA number, DA number,PF number);

Table altered.

SQL> Alter table Employee add(NET number);

Table altered.

SQL> Desc employee;

Name	Null?	Type

EMPCODE	NOT NULL	VARCHAR2(4)
EMPNAME		VARCHAR2(30)
JOB_ROLE		VARCHAR2(10)
HIREDATE		DATE
BASIC		NUMBER
HRA		NUMBER
DA		NUMBER
PF		NUMBER
NET		NUMBER

SQL> update employee set HRA=0.12*Basic,DA=0.15*Basic,PF=0.1* Basic;

1 row updated.

SQL> Select * From Employee;

EMPC	EMPNAME	JOB_ROLE	HIREDATE	BASIC	HRA	

				DA	PF	NET

E100	Amitava	Manager	14-FEB-01	40000	4800	
				6000	4000	

SQL> Update Employee Set NET=Basic+DA+HRA-PF;

1 row updated.

SQL> Select * From Employee;

EMPC	EMPNAME	JOB_ROLE	HIREDATE	BASIC	HRA	

				DA	PF	NET

E100	Amitava	Manager	14-FEB-01	40000	4800	

6000 4000 46800

SQL> Select * from Employee where Basic > 20000;

EMPC	EMPNAME	JOB_ROLE	HIREDATE	BASIC	HRA
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DA	PF	NET
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E100	Amitava	Manager	14-FEB-01	40000	4800
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6000 4000 46800

SQL> desc employee;

Name	Null?	Type
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EMPCODE	NOT NULL	VARCHAR2(4)
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EMPNAME		VARCHAR2(30)
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JOB_ROLE		VARCHAR2(10)
----------	--	--------------

HIREDATE		DATE
----------	--	------

BASIC		NUMBER
-------	--	--------

HRA		NUMBER
-----	--	--------

DA		NUMBER
----	--	--------

PF		NUMBER
----	--	--------

NET		NUMBER
-----	--	--------

SQL> Select * from Employee where Basic > 20000;

EMPC	EMPNAME	JOB_ROLE	HIREDATE	BASIC	HRA
------	---------	----------	----------	-------	-----

DA	PF	NET
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E100	Amitava	Manager	14-FEB-01	40000	4800
------	---------	---------	-----------	-------	------

6000 4000 46800

SQL> Select * from Employee where Basic < 20000;

EMPC	EMPNAME	JOB_ROLE	HIREDATE	BASIC	HRA
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DA	PF	NET
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e101 Abhinash Executive 15-AUG-10 18000

SQL> Select Empname,NET from Employee where Basic Between 18000 and 35000;

EMPNAME NET

Abhinash

SQL>Select Empcode, Empname, Job_Role , Basic where NOT Job_Role='Manager';

SQL> Select * from Employee where hiredate =date '2001-02-14';

EMPC EMPNAME JOB_ROLE HIREDATE BASIC HRA

 DA PF NET

E100 Amitava Manager 14-FEB-01 40000 4800
 6000 4000 46800

SQL>Update Employee set Basic=15000 where EMPCODE='E014';

SQL> Alter Table Employee Rename To Emp_Mausumi;

Table altered.

SQL> desc Emp_mausumi;

Name Null? Type

EMPCODE NOT NULL VARCHAR2(4)
EMPNAME VARCHAR2(30)
JOB_ROLE VARCHAR2(10)
HIREDATE DATE
BASIC NUMBER
HRA NUMBER
DA NUMBER
PF NUMBER
NET NUMBER

SQL> Alter Table Emp_Mausumi Rename column NET TO NET_Sal;

Table altered.

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SQL> Delete * From Emp_Mausumi where Basic < 10000;
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SQL> Drop Table Emp_Mausumi;
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