

**Tab 1**

User: SYSTEM

Home > SQL > **SQL Commands**

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```
CREATE OR REPLACE VIEW EMPLOYEE_VU AS
SELECT EMPLOYEE_ID, FIRST_NAME || ' ' || LAST_NAME AS EMPLOYEE, DEPARTMENT_ID
FROM EMPLOYEES;
```

**Results** Explain Describe Saved SQL History

View created.

0.02 seconds

**Tab 2**

User: SYSTEM

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SELECT \* FROM EMPLOYEE\_VU;

Results Explain Describe Saved SQL History

EMPLOYEE_ID	EMPLOYEE	DEPARTMENT_ID
100	Steven King	90
101	Neena Kochhar	90
102	Lex De Haan	90
103	Alexander Hunold	60
104	Bruce Ernst	60
108	Nancy Greenberg	100
109	Daniel Faviet	100
110	John Chen	100
114	Davies Jones	80
115	James Smith	80

More than 10 rows available. Increase rows selector to view more rows.

10 rows returned in 0.02 seconds

[CSV Export](#)

**Tab 3**

User: SYSTEM

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```
SELECT VIEW_NAME, TEXT
FROM USER_VIEWS
WHERE VIEW_NAME = 'EMPLOYEE_VU';
```

Results Explain Describe Saved SQL History

VIEW_NAME	TEXT
EMPLOYEE_VU	SELECT EMPLOYEE_ID, FIRST_NAME   ''   LAST_NAME AS EMPLOYEE, DEPARTMENT_ID FROM EMPLOYEES

1 rows returned in 0.02 seconds [CSV Export](#)

**Tab 4**

User: SYSTEM

Home > SQL > **SQL Commands**

Autocommit   Display 10 ▾

```
SELECT EMPLOYEE, DEPARTMENT_ID  
FROM EMPLOYEE_VU;
```

**Results** Explain Describe Saved SQL History

EMPLOYEE	DEPARTMENT_ID
Steven King	90
Neena Kochhar	90
Lex De Haan	90
Alexander Hunold	60
Bruce Ernst	60
Nancy Greenberg	100
Daniel Faviet	100
John Chen	100
Davies Jones	80
James Smith	80

More than 10 rows available. Increase rows selector to view more rows.

10 rows returned in 0.00 seconds

[CSV Export](#)

**Tab 5**

User: SYSTEM

Home > SQL > **SQL Commands**

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```
CREATE OR REPLACE VIEW DEPT50 AS
SELECT EMPLOYEE_ID AS EMPNO, LAST_NAME AS EMPLOYEE, DEPARTMENT_ID AS DEPTNO
FROM EMPLOYEES
WHERE DEPARTMENT_ID = 50
WITH READ ONLY;
```

**Results** Explain Describe Saved SQL History

View created.

0.01 seconds

## Tab 6

User: SYSTEM

Home > SQL > **SQL Commands**

Autocommit   Display

DESC DEPT50;

Results Explain Describe Saved SQL History

Object Type **VIEW** Object **DEPT50**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
DEPT50	EMPNO	Number	-	-	0	-	-	-	-
	EMPLOYEE	Varchar2	50	-	-	-	✓	-	-
	DEPTNO	Number	-	-	0	-	✓	-	-

User: SYSTEM

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Autocommit   Display 10 ▾

SELECT \* FROM DEPT50;

**Results** Explain Describe Saved SQL History

EMPNO	EMPLOYEE	DEPTNO
501	Kumar	50

1 rows returned in 0.00 seconds      [CSV Export](#)

**Tab 7**

User: SYSTEM

Home > SQL > **SQL Commands**

Autocommit   Display | 10   ▾

```
UPDATE DEPT50
SET DEPTNO = 80|
WHERE EMPLOYEE = 'Matos';
```

**Results** Explain Describe Saved SQL History

ORA-01733: virtual column not allowed here

0.02 seconds

**Tab 8**

User: SYSTEM

Home > SQL > **SQL Commands**

Autocommit   Display **10** 

```
CREATE OR REPLACE VIEW SALARY_VU AS
SELECT
    E.LAST_NAME AS Employee,
    D.DEPARTMENT_NAME AS Department,
    E.SALARY AS Salary,
    J.GRADE_LEVEL AS Grade
FROM EMPLOYEES E
JOIN DEPARTMENTS D ON E.DEPARTMENT_ID = D.DEPARTMENT_ID
JOIN JOB_GRADES J ON E.SALARY BETWEEN J.LOWEST_SAL AND J.HIGHEST_SAL;
```

**Results** Explain Describe Saved SQL History

View created.

0.02 seconds