**ORACLE** Application Express

| Home | Application Builder | SQL Workshop | Team Development | Administration |
|---|---|---|---|---|

Home > SQL Workshop > SQL Scripts > **Results**                    Help

Script: **Week8**          Status: **Complete**                    Edit Script
View: ● Detail ○ Summary   Show: ☑Statement ☑Results ☑Feedback   Go

---

```
CREATE TABLE DEPARTMENT (ID NUMBER(7), Name VARCHAR2(25))
```

Table created. 0.01 seconds

---

```
INSERT INTO DEPARTMENT (ID, Name)
SELECT DEPTNO, DNAME
FROM DEPT
```

4 row(s) inserted. 0.00 seconds

---

```
SELECT *
  FROM DEPARTMENT
```

| ID | NAME |
|---|---|
| 10 | ACCOUNTING |
| 20 | RESEARCH |
| 30 | SALES |
| 40 | OPERATIONS |

4 rows selected. 0.01 seconds

---

```
CREATE TABLE EMPLOYEE(ID NUMBER(7), LAST_NAME VARCHAR2(25), FIRST_NAME VARCHAR2(25), DEPT_ID NUMBER(7))
```

Table created. 0.00 seconds

---

```
ALTER TABLE EMPLOYEE
MODIFY (LAST_NAME VARCHAR2(35))
```

Table altered. 0.00 seconds

---

```
SELECT table_name
FROM user_tables
```

| TABLE_NAME |
|---|
| DEMO_USERS |
| DEMO_CUSTOMERS |
| DEMO_ORDERS |
| DEMO_PRODUCT_INFO |
| DEMO_ORDER_ITEMS |
| DEMO_STATES |
| APEX$_ACL |
| APEX$_WS_WEBPG_SECTIONS |
| APEX$_WS_ROWS |
| APEX$_WS_HISTORY |
| APEX$_WS_NOTES |
| APEX$_WS_LINKS |
| APEX$_WS_TAGS |
| APEX$_WS_FILES |
| APEX$_WS_WEBPG_SECTION_HISTORY |
| HTMLDB_PLAN_TABLE |
| BRANCH_TAB |
| EMPLOYEE_TAB |
| CUSTOMER_TAB |
| BOOKS_TAB |
| ISSUE_TAB |
| RETURN_TAB |
| DEPT |
| EMP |
| BONUS |
| SALGRADE |
| CUSTOMER |
| ORD |
| ITEM |
| PRODUCT |
| PRICE |
| MY_EMPLOYEE |
| DEPARTMENT |
| EMPLOYEE |

34 rows selected. 0.02 seconds

---

```
CREATE TABLE EMPLOYEE2 (ID, LAST_NAME, DEPT_ID)
AS (SELECT EMPNO, ENAME, DEPTNO FROM EMP)
```

Table created. 0.00 seconds

---

```
DROP TABLE EMPLOYEE
```

Table dropped. 0.00 seconds

---

```
ALTER TABLE EMPLOYEE2
    RENAME TO EMPLOYEE
```

Table altered. 0.00 seconds

---

```
COMMENT ON TABLE EMPLOYEE
IS 'This table was created for class'
```

Statement processed. 0.00 seconds

---

```
COMMENT ON TABLE DEPARTMENT
IS 'This table was created for class, derived from DEPT'
```

Statement processed. 0.00 seconds

---

```
SELECT table_name
FROM user_tables
```

| TABLE_NAME |
|---|
| DEMO_USERS |
| DEMO_CUSTOMERS |
| DEMO_ORDERS |
| DEMO_PRODUCT_INFO |
| DEMO_ORDER_ITEMS |
| DEMO_STATES |
| APEX$_ACL |
| APEX$_WS_WEBPG_SECTIONS |
| APEX$_WS_ROWS |
| APEX$_WS_HISTORY |
| APEX$_WS_NOTES |
| APEX$_WS_LINKS |
| APEX$_WS_TAGS |
| APEX$_WS_FILES |
| APEX$_WS_WEBPG_SECTION_HISTORY |
| HTMLDB_PLAN_TABLE |
| BRANCH_TAB |
| EMPLOYEE_TAB |
| CUSTOMER_TAB |
| BOOKS_TAB |
| ISSUE_TAB |
| RETURN_TAB |
| DEPT |
| EMP |
| BONUS |
| SALGRADE |
| CUSTOMER |
| ORD |
| ITEM |
| PRODUCT |
| PRICE |
| MY_EMPLOYEE |

| DEPARTMENT |
| EMPLOYEE |

34 rows selected. 0.02 seconds

```
ALTER TABLE EMPLOYEE
DROP COLUMN LAST_NAME
```

Table altered. 0.01 seconds

```
SELECT *
FROM EMPLOYEE
```

| ID | DEPT_ID |
|------|---------|
| 7839 | 10 |
| 7698 | 30 |
| 7782 | 10 |
| 7566 | 20 |
| 7654 | 30 |
| 7499 | 30 |
| 7844 | 30 |
| 7900 | 30 |
| 7521 | 30 |
| 7902 | 20 |
| 7369 | 20 |
| 7788 | 20 |
| 7876 | 20 |
| 7934 | 10 |

14 rows selected. 0.01 seconds

```
CREATE TABLE EMPLOYEE3 (ID, LAST_NAME, DEPT_ID)
AS (SELECT EMPNO, ENAME, DEPTNO FROM EMP)
```

Table created. 0.01 seconds

```
ALTER TABLE EMPLOYEE3
SET UNUSED(DEPT_ID)
```

Table altered. 0.00 seconds

```
SELECT *
FROM EMPLOYEE3
```

| ID | LAST_NAME |
|------|-----------|
| 7839 | KING |
| 7698 | BLAKE |
| 7782 | CLARK |
| 7566 | JONES |
| 7654 | MARTIN |
| 7499 | ALLEN |
| 7844 | TURNER |
| 7900 | JAMES |
| 7521 | WARD |
| 7902 | FORD |
| 7369 | SMITH |
| 7788 | SCOTT |
| 7876 | ADAMS |
| 7934 | MILLER |

14 rows selected. 0.01 seconds

```
DROP TABLE EMPLOYEE
```

Table dropped. 0.01 seconds

```
CREATE TABLE EMPLOYEE (ID, LAST_NAME, DEPT_ID,
CONSTRAINT EMPLOYEE_ID_PK PRIMARY KEY (ID))
AS (SELECT EMPNO, ENAME, DEPTNO FROM EMP)
```

Table created. 0.00 seconds

```
DROP TABLE DEPARTMENT
```

Table dropped. 0.00 seconds

```
CREATE TABLE DEPARTMENT (ID, Name,
CONSTRAINT DEPARTMENT_ID_PK PRIMARY KEY(ID))
AS (SELECT DEPTNO, DNAME
FROM DEPT)
```

Table created. 0.03 seconds

```
ALTER TABLE EMPLOYEE
ADD CONSTRAINT EMPLOYEE_DEPT_ID_FK FOREIGN KEY(DEPT_ID)
REFERENCES DEPARTMENT (ID)
```

Table altered. 0.00 seconds

```
SELECT *
FROM USER_CONSTRAINTS
WHERE TABLE_NAME = 'EMPLOYEE'
OR TABLE_NAME = 'DEPARTMENT'
```

| OWNER | CONSTRAINT_NAME | CONSTRAINT_TYPE | TABLE_NAME | SEARCH_CONDITION | R_OWNER | R_CONSTRAINT_NAME | DELETE_RULE | STATUS | DEFERRABLE | DEFERRED | VALIDATED | GENERATED | BAD | RELY | LAST_CHANGE | INDEX_OWNER | INDEX_NAME | INVALID | VIEW_RELATED |
|-------|-----------------|-----------------|------------|------------------|---------|-------------------|-------------|--------|------------|----------|-----------|-----------|-----|------|-------------|-------------|------------|---------|--------------|
| BROWNCH | SYS_C008306 | C | DEPARTMENT | "ID" IS NOT NULL | - | - | - | ENABLED | NOT DEFERRABLE | IMMEDIATE | VALIDATED | GENERATED NAME | - | - | 05/08/2021 | - | - | - | - |
| BROWNCH | DEPARTMENT_ID_PK | P | DEPARTMENT | - | - | - | - | ENABLED | NOT DEFERRABLE | IMMEDIATE | VALIDATED | USER NAME | - | - | 05/08/2021 | BROWNCH | DEPARTMENT_ID_PK | - | - |
| BROWNCH | SYS_C008303 | C | EMPLOYEE | "ID" IS NOT NULL | - | - | - | ENABLED | NOT DEFERRABLE | IMMEDIATE | VALIDATED | GENERATED NAME | - | - | 05/08/2021 | - | - | - | - |
| BROWNCH | SYS_C008304 | C | EMPLOYEE | "DEPT_ID" IS NOT NULL | - | - | - | ENABLED | NOT DEFERRABLE | IMMEDIATE | VALIDATED | GENERATED NAME | - | - | 05/08/2021 | - | - | - | - |
| BROWNCH | EMPLOYEE_ID_PK | P | EMPLOYEE | - | - | - | - | ENABLED | NOT DEFERRABLE | IMMEDIATE | VALIDATED | USER NAME | - | - | 05/08/2021 | BROWNCH | EMPLOYEE_ID_PK | - | - |
| BROWNCH | EMPLOYEE_DEPT_ID_FK | R | EMPLOYEE | - | BROWNCH | DEPARTMENT_ID_PK | NO ACTION | ENABLED | NOT DEFERRABLE | IMMEDIATE | VALIDATED | USER NAME | - | - | 05/08/2021 | - | - | - | - |

6 rows selected. 0.00 seconds

```
SELECT OBJECT_NAME, OBJECT_TYPE
FROM USER_OBJECTS
WHERE OBJECT_NAME = 'EMPLOYEE'
OR OBJECT_NAME = 'DEPARTMENT'
```

| OBJECT_NAME | OBJECT_TYPE |
|-------------|-------------|
| DEPARTMENT | TABLE |
| EMPLOYEE | TABLE |

2 rows selected. 0.00 seconds

```
ALTER TABLE EMPLOYEE
ADD (SALARY NUMBER(7))
```

Table altered. 0.01 seconds

```
SELECT *
FROM EMPLOYEE
```

| ID | LAST_NAME | DEPT_ID | SALARY |
|------|-----------|---------|--------|
| 7839 | KING | 10 | - |
| 7698 | BLAKE | 30 | - |
| 7782 | CLARK | 10 | - |
| 7566 | JONES | 20 | - |
| 7654 | MARTIN | 30 | - |
| 7499 | ALLEN | 30 | - |
| 7844 | TURNER | 30 | - |
| 7900 | JAMES | 30 | - |
| 7521 | WARD | 30 | - |
| 7902 | FORD | 20 | - |
| 7369 | SMITH | 20 | - |
| 7788 | SCOTT | 20 | - |
| 7876 | ADAMS | 20 | - |
| 7934 | MILLER | 10 | - |

14 rows selected. 0.01 seconds

Download

| | |
|---|---|
| **Run By** | BROWNCH |
| **Parsing Schema** | BROWNCH |
| **Script Started** | Saturday, May 8, 2021 |
| | 1 seconds ago |
| **Elapsed time** | 0.42 seconds |

**Statements Processed**   26
**Successful**   26
**With Errors**   0

Application Express 4.0.2.00.09