

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

SQL> cl scr

```
SQL> CREATE TABLE MBASStudent
2  (
3    StudentColl          STUDENT,
4    Semester              VARCHAR2 (10) ,
5    SemStartDate          DATE,
6    SemEndDate            DATE,
7    Specialization        VARCHAR2 (20)
8  );
```

Table created.

SQL> DESC MBASStudent

Name	Null?
------	-------

Type

STUDENTCOLL	
STUDENT	
SEMESTER	
VARCHAR2 (10)	
SEMSTARTDATE	
DATE	
SEMENDDATE	
DATE	
SPECIALIZATION	
VARCHAR2 (20)	

SQL> SET DESCRIBE DEPTH 2

SQL> DESC MBASStudent

Name	Null?
------	-------

Type

STUDENTCOLL	
STUDENT	
STUDID	
NUMBER (6)	
SNAME	
VARCHAR2 (20)	
DOB	
DATE	
DOA	
DATE	
FEES	
NUMBER (7, 2)	

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```
SEMESTER
VARCHAR2 (10)
SEMSTARTDATE
DATE
SEMENDDATE
DATE
SPECIALIZATION
VARCHAR2 (20)
```

```
SQL> INSERT INTO MBASStudent
2  VALUES
3  (
4    STUDENT
5      (
6        1234,
7        'SAMPATH',
8        '10-DEC-85',
9        SYSDATE,
10       25000
11      ),
12    'FIRST',
13    '25-JUL-07',
14    '25-OCT-07',
15    'MARKETING'
16  );
```

1 row created.

```
SQL> COMMIT;
```

Commit complete.

```
SQL> INSERT INTO MBASStudent
2  VALUES
3  (
4    STUDENT
5      (
6        1235,
7        'SRINIVAS',
8        NULL,
9        SYSDATE,
10       NULL
11      ),
12    'FIRST',
13    '25-JUL-07',
14    '25-OCT-07',
15    'MARKETING'
```

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```
16 );

1 row created.

SQL> COMMIT;

Commit complete.

SQL> SELECT *
      2 FROM MBASStudent;

STUDENTCOLL(STUDID, SNAME, DOB, DOA, FEES)
-----
-----
SEMEST SEMSTARTD SEMENDDAT SPECIALIZA
-----
STUDENT(1234, 'SAMPATH', '10-DEC-85', '03-JUL-18', 25000)
FIRST 25-JUL-07 25-OCT-07 MARKETING

STUDENT(1235, 'SRINIVAS', NULL, '03-JUL-18', NULL)
FIRST 25-JUL-07 25-OCT-07 MARKETING

SQL> COLUMN StudId FORMAT 9999
SQL> COLUMN SName FORMAT A10
SQL> COLUMN Fees FORMAT A6
SQL> COLUMN Fees FORMAT 99999
SQL> COLUMN Specialization FORMAT A10
SQL> COLUMN Semester FORMAT A6
SQL> SELECT
      2 E1.StudentColl.StudID StudId,
      3 E1.StudentColl.Sname Sname,
      4 E1.StudentColl.DOB DOB,
      5 E1.StudentColl.DOA DOA,
      6 E1.StudentColl.Fees Fees,
      7 E1.Semester Semester,
      8 E1.SemStartDate StartDate,
      9 E1.SemEndDate EndDate,
     10 E1.Specialization Specialization
     11 FROM
     12 (
     13 SELECT *
     14 FROM MBASStudent
     15 ) E1;

STUDID SNAME          DOB          DOA          FEES SEMEST STARTDATE ENDDATE
SPECIALIZA
```

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```
-----
-----
1234 SAMPATH      10-DEC-85 03-JUL-18 25000 FIRST 25-JUL-07 25-OCT-07
MARKETING
1235 SRINIVAS      03-JUL-18          FIRST 25-JUL-07 25-OCT-07
MARKETING
```

```
SQL> COLUMN StudId FORMAT 9999
SQL> COLUMN SName FORMAT A10
SQL> COLUMN Fees FORMAT A6
SQL> COLUMN Fees FORMAT 99999
SQL> COLUMN Specialization FORMAT A10
SQL> COLUMN Semester FORMAT A6
SQL> COLUMN SemesterDays FORMAT 999
SQL> COLUMN StudentAge FORMAT 999
SQL> SELECT
  2  E1.StudentColl.StudID StudId,
  3  E1.StudentColl.Sname Sname,
  4  E1.StudentColl.DOB DOB,
  5  E1.StudentColl.DOA DOA,
  6  TRUNC(MONTHS_BETWEEN(E1.StudentColl.DOA, E1.StudentColl.DOB) / 12)
StudentAge,
  7  E1.StudentColl.Fees Fees,
  8  E1.Semester Semester,
  9  E1.SemStartDate StartDate,
 10  E1.SemEndDate EndDate,
 11  TRUNC(E1.SemEndDate - E1.SemStartDate) SemesterDays,
 12  E1.Specialization Specialization
 13  FROM
 14  (
 15  SELECT *
 16  FROM MBASStudent
 17  ) E1;
```

```
STUDID SNAME      DOB      DOA      STUDENTAGE  FEES  SEMEST  STARTDATE
ENDDATE  SEMESTERDAYS SPECIALIZA
-----
1234 SAMPATH      10-DEC-85 03-JUL-18      32  25000  FIRST  25-JUL-07
25-OCT-07      92 MARKETING
1235 SRINIVAS      03-JUL-18          FIRST  25-JUL-07
25-OCT-07      92 MARKETING
```

```
SQL> ED
Wrote file afiedt.buf
```

```
1  CREATE OR REPLACE VIEW MBASStudInfo
```

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```
2 AS
3 SELECT
4 E1.StudentColl.StudID StudId,
5 E1.StudentColl.Sname Sname,
6 E1.StudentColl.DOB DOB,
7 E1.StudentColl.DOA DOA,
8 E1.StudentColl.Fees Fees,
9 E1.Semester Semester,
10 E1.SemStartDate StartDate,
11 E1.SemEndDate EndDate,
12 E1.Specialization Specialization
13 FROM
14 (
15     SELECT *
16     FROM MBASStudent
17* ) E1
SQL> /
```

View created.

SQL> DESC MBASstudInfo

Name	Null?
------	-------

STUDID	
NUMBER(6)	
SNAME	
VARCHAR2(20)	
DOB	
DATE	
DOA	
DATE	
FEES	
NUMBER(7,2)	
SEMESTER	
VARCHAR2(10)	
STARTDATE	
DATE	
ENDDATE	
DATE	
SPECIALIZATION	
VARCHAR2(20)	

SQL> ED

Wrote file afiedt.buf

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```
1  UPDATE
2  (
3  SELECT *
4  FROM MBASStudent
5  ) E1
6  SET E1.Semester = 'SECOND'
7* WHERE E1.StudentColl.Sname = 'SRINIVAS'
SQL> /
```

1 row updated.

```
SQL> SELECT * FROM MBASStudInfo;
```

STUDID	SNAME	DOB	DOA	FEES	SEMEST	STARTDATE	ENDDATE
1234	SAMPATH	10-DEC-85	03-JUL-18	25000	FIRST	25-JUL-07	25-OCT-07
1235	SRINIVAS		03-JUL-18		SECOND	25-JUL-07	25-OCT-07

```
SQL> ED
Wrote file afiedt.buf
```

```
1  UPDATE MBASStudent E1
2  SET E1.Semester = 'THIRD'
3* WHERE E1.StudentColl.Sname = 'SRINIVAS'
SQL> /
```

1 row updated.

```
SQL> UPDATE MBASStudInfo
2  SET SEMESTER = 'FOURTH'
3  WHERE SNAME = 'SRINIVAS';
```

1 row updated.

```
SQL> ED
Wrote file afiedt.buf
```

```
1  DELETE
2  (
3  SELECT *
4  FROM MBASStudent
5  ) E1
6* WHERE E1.StudentColl.Sname = 'SRINIVAS'
```

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SQL> /

1 row deleted.

SQL> ED

Wrote file afiedt.buf

```
1  UPDATE MBAStudent E1
2* WHERE E1.StudentColl.Sname = 'SRINIVAS'
SQL> /
WHERE E1.StudentColl.Sname = 'SRINIVAS'
*
```

ERROR at line 2:

ORA-00971: missing SET keyword

SQL> ED

Wrote file afiedt.buf

```
1  DELETE MBAStudent E1
2* WHERE E1.StudentColl.Sname = 'SRINIVAS'
SQL> /
```

0 rows deleted.

SQL> ED

Wrote file afiedt.buf

```
1  DELETE MBAStudInfo
2* WHERE SNAME = 'SRINIVAS'
SQL> /
```

0 rows deleted.

SQL> SPOOL OFF

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