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CSE 3330

Professor Elmasri

Project 1

Due Tuesday, July 25th, 2017

**ITEM 3**

**1)**

SQL> INSERT INTO DEPARTMENT VALUES ('Services', 1, '123456789', '11-AUG-2012');

INSERT INTO DEPARTMENT VALUES ('Services', 1, '123456789', '11-AUG-2012')

\*

ERROR at line 1:

ORA-00001: unique constraint (MHV8218.DEPTPK) violated

**FAILED** - **KEY CONSTRAINT**: because Dnumber, the Primary Key, of 1 already exists.

**2)**

SQL> INSERT INTO DEPARTMENT VALUES ('Purchasing', 3, '990110110', '02-FEB-2013');

INSERT INTO DEPARTMENT VALUES ('Purchasing', 3, '990110110', '02-FEB-2013')

\*

ERROR at line 1:

ORA-00001: unique constraint (MHV8218.DEPTPK) violated

**FAILED** - **KEY CONSTRAINT**: because Dnumber, the Primary Key, of 3 already exists.

**3)**

SQL> INSERT INTO DEPARTMENT VALUES ('Customers', 12, '333445555', '14-JAN-2013');

1 row created.

**SUCCESS**

**4)**

SQL> UPDATE DEPT\_LOCATIONS

  2  SET Dnumber = 9

  3  WHERE Dlocation = 'Seattle';

1 row updated.

**SUCCESS**

**5)**

SQL> UPDATE EMPLOYEE

  2  SET Salary = 55000

  3  WHERE Ssn = '444444444';

0 rows updated.

**SUCCESS** but 0 rows were updated because no employee has a SSN of 444444444.

**6)**

SQL> INSERT INTO EMPLOYEE VALUES ('Jane', 'B', 'Smith', '666666606', '01-MAR-1980', '3556 W Second Street,Miami,FL', 'F', 85000, '666666603', 5);

INSERT INTO EMPLOYEE VALUES ('Jane', 'B', 'Smith', '666666606', '01-MAR-1980', '3556 W Second Street,Miami,FL', 'F', 85000, '666666603', 5)

\*

ERROR at line 1:

ORA-00001: unique constraint (MHV8218.EMPPK) violated

**FAILED** - **KEY CONSTRAINT**: because Ssn, the Primary Key, of '666666606' already exists.

**7)**

SQL> UPDATE WORKS\_ON

  2  SET Hours = 25

  3   WHERE Pno = 1 AND Essn = '666884444';

0 rows updated.

**SUCCESS** but 0 rows were updated because no employee has a SSN of 666884444 and Pno of 1.

**8)**

SQL> DELETE FROM EMPLOYEE

  2  WHERE Ssn = '432765098';

DELETE FROM EMPLOYEE

\*

ERROR at line 1:

ORA-02292: integrity constraint (MHV8218.SYS\_C001529997) violated - child

record found

**FAILED** ­– **REFERENTIAL INTEGRITY CONSTRAINT**

**9)**

SQL> DELETE FROM DEPARTMENT

  2  WHERE Dnumber = 9;

DELETE FROM DEPARTMENT

\*

ERROR at line 1:

ORA-02292: integrity constraint (MHV8218.SYS\_C001529995) violated - child

record found

**FAILED** ­– **REFERENTIAL INTEGRITY CONSTRAINT**