Michael Vu

CSE 3330

Professor Elmasri

Project 1

Due Tuesday, July 25th, 2017

**ITEM 5**

**1)**

SQL> INSERT INTO PROJECT VALUES ('Basketball', 3, 'Chicago', 1);

INSERT INTO PROJECT VALUES ('Basketball', 3, 'Chicago', 1)

\*

ERROR at line 1:

ORA-00001: unique constraint (MHV8218.SYS\_C001529986) violated

**FAILED** – **KEY CONSTRAINT:** the Dnum, 1, already exists in DEPARTMENT.Dnumber that it references.

**2)**

SQL> INSERT INTO PROJECT VALUES ('Basketball', 17, 'Arlington', One);

INSERT INTO PROJECT VALUES ('Basketball', 17, 'Arlington', One)

                                                           \*

ERROR at line 1:

ORA-00984: column not allowed here

**FAILED** – **DOMAIN CONSTRAINT:** Dnum expects an integer not chars so it is not of the specified attribute domain.

**3)**

SQL> INSERT INTO EMPLOYEE VALUES ('Michael', 'H', 'Vu', NULL, '01-JAN-1997', '317 Dream Street,Arlington, TX', 'M', 100000, '666666603', 3);

INSERT INTO EMPLOYEE VALUES ('Michael', 'H', 'Vu', NULL, '01-JAN-1997', '317 Dream Street,Arlington, TX', 'M', 100000, '666666603', 3)

                                                   \*

ERROR at line 1:

ORA-01400: cannot insert NULL into ("MHV8218"."EMPLOYEE"."SSN")

**FAILED** – **ENTITY INTEGRITY:** the primary key, SSN, cannot be null.

**4)**

SQL> INSERT INTO EMPLOYEE VALUES ('Lebron', 'K', 'James', '23091235', '23-MAR-1987', '132 King Court, Akron, OH', 'M', 999999, '666666603', 13);

INSERT INTO EMPLOYEE VALUES ('Lebron', 'K', 'James', '23091235', '23-MAR-1987', '132 King Court, Akron, OH', 'M', 999999, '666666603', 13)

\*

ERROR at line 1:

ORA-02291: integrity constraint (MHV8218.EMPDEPTFK) violated - parent key not

found

**FAILED** – **REFERENTIAL INTEGRITY:** the Dno, 13, does not exist in DEPARTMENT.Dnumber that it references.