1. create table DEPT(ID NUMBER(7) primary key,

NAME VARCHAR2(25));

describe DEPT;

1. insert into dept

select department\_id,department\_name

from departments;

1. create table EMP (ID NUMBER(7), LAST\_NAME VARCHAR2(25), FIRST\_NAME VARCHAR2(25), DEPT\_ID NUMBER(7), CONSTRAINT EMP\_DEP\_FK FOREIGN KEY(ID) REFERENCES DEPT(ID));

DESCRIBE EMP;

1. ALTER TABLE EMPLOYEES2 READ ONLY;
2. INSERT INTO EMPLOYEES2(ID,FIRST\_NAME,LAST\_NAME,SALARY,DEPT\_ID) VALUES(34,'GRANT','MARCIE',5678, 10); SQL Error: ORA-12081: update operation not allowed on table "HR"."EMPLOYEES2"
3. ALTER TABLE EMPLOYEES2 READ WRITE;

1 row inserted.

1. DROP TABLE EMPLOYEES2;
2. CREATE VIEW EMPLOYEES\_VU AS SELECT EMPLOYEE\_ID, LAST\_NAME AS EMPLOYEE, DEPARTMENT\_ID FROM EMPLOYEES;
3. SELECT \* FROM EMPLOYEES\_VU;
4. SELECT EMPLOYEE, DEPARTMENT\_ID FROM EMPLOYEES\_VU;
5. CREATE VIEW DEPT50 AS SELECT EMPLOYEE\_ID AS EMPNO, LAST\_NAME AS EMPLOYEE, DEPARTMENT\_ID AS DEPTNO FROM EMPLOYEES WHERE DEPARTMENT\_ID=50 WITH CHECK OPTION CONSTRAINT DEPT\_50;
6. DESCRIBE DEPT50;

SELECT \* FROM DEPT50;

1. UPDATE DEPT50

SET deptno = 80

WHERE employee = 'Matos';

ORA-01402: view WITH CHECK OPTION where-clause violation

1. create sequence DEPT\_ID\_SEQ

start with 200

increment by 10

maxvalue 1000;

1. insert into departments (department\_id,department\_name) values(DEPT\_ID\_SEQ.nextval,'EDUCATION');

insert into departments (department\_id,department\_name) values(DEPT\_ID\_SEQ.nextval,'ADMINISTRATION');

1. create index dept\_name\_index on

departments(department\_name);

1. create synonym emp for employees;