**DBA 120 Practice 10**

1. Add a table level PRIMARY KEY constraint to the EMPLOYEE table using the ID column.

The constraint should be enabled at creation.

2. Create a PRIMARY KEY constraint on the DEPARTMENT table using the ID column. The

constraint should be enabled at creation.

3. Add a foreign key reference on the EMPLOYEE table that will ensure that the employee is not

assigned to a nonexistent department.

4. Confirm that the constraints were added by querying USER\_CONSTRAINTS. Note the types

and names of the constraints. Save your statement text in a file called *p10q4.sql*.

CONSTRAINT\_NAME C

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DEPARTMENT\_ID\_PK P

EMPLOYEE\_ID\_PK P

EMPLOYEE\_DEPT\_ID\_FK R

5. Display the object names and types from the USER\_OBJECTS data dictionary view

EMPLOYEE and DEPARTMENT tables. You may want to format the columns for

readability. Notice that the new tables and a new index were created.

OBJECT\_NAME OBJECT\_TYPE

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DEPARTMENT TABLE

DEPARTMENT\_ID\_PK INDEX

EMPLOYEE TABLE

EMPLOYEE\_ID\_PK INDEX

If you have time, complete the following exercises.

6. Modify the EMPLOYEE table. Add a SALARY column of NUMBER data type, precision 7.