

**Creating and Managing Tables**

***Hex 2551***

**Tables: EMPLOYEES, DEPARTMENTS**

1.Create the TRG\_DEPT table based on the following table instance chart. Confirm that the table is

created.

|  |  |  |
| --- | --- | --- |
| Column Name | ID | NAME |
| Key Type |  |  |
| Nulls/Unique |  |  |
| FK Table |  |  |
| FK Column |  |  |
| Data type | Number | VARCHAR2 |
| Length | 7 | 25 |

2. Populate the DEPT101 table with data from the DEPARTMENTS table. Include only columns that

you need.

3. Create the TRG\_EMP table based on the following table instance chart. Confirm that the table is created.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | ID | LAST\_NAME | FIRST\_NAME | DEPT\_ID |
| Key Type |  |  |  |  |
| Nulls/Unique |  |  |  |  |
| FK Table |  |  |  |  |
| FK Column |  |  |  |  |
| Data type | Number | VARCHAR2 | VARCHAR2 | Number |
| Length | 7 | 25 | 25 | 7 |

4. Modify the TRG\_EMP table to allow for longer employee last names. Confirm your modification.

5. Create the TRG\_EMPLOYEES table based on the structure of the TRG\_EMP table. Include only

the EMPLOYEE\_ID, FIRST\_NAME, LAST\_NAME, SALARY, and DEPARTMENT\_ID columns.

Name the columns in your new table ID, FIRST\_NAME, LAST\_NAME, SALARY , and

DEPT\_ID, respectively.

6. Drop the TRG\_EMP table.

7. Rename the TRG\_EMPLOYEES table to TRG\_EMP.

8. Drop the FIRST\_NAME column from the TRG\_EMP table. Confirm your modification by checking the

description of the table.

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