**P0703 Royal Products Database**

1. Create a file called P0703.sql
2. Start with the tables created in P0702
3. The RP\_PRODUCTS table remains unchanged.
4. RP\_REPS table
   1. The rep\_id column is an auto-generated IDENTITY column with a starting value is 10 with an increment of 5.
5. RP\_CUSTOMERS table
   1. The customer\_id column is an auto-generated IDENTITY column. The starting value is 100 with an increment of 10.
6. SEQUENCE object
   1. Create a SEQUENCE object to generate order numbers for the RP\_ORDERS table. The starting value is 1000 with an increment of 1. The maximum value is 999999. Specify no cache and no cycle. Use the sequence numbers generated in the RP\_ORDERS table in the RP\_ORDER\_LINES table.
7. IDENTITY – IDENTITY\_VAL\_LOCAL
   1. Make a copy the RP\_ORDERS and RP\_ORDER\_LINES tables and name them RP\_ORDERS2 and RP\_ORDER\_LINES2
   2. The order\_id column in the RP\_ORDERS table is an auto-generated IDENTITY column with a starting value is 1000 with an increment of 1.
   3. Use IDENTITY\_VAL\_LOCAL when inserting rows into the RP\_ORDER\_LINES2 table
8. Modify the INSERT statements where necessary to use the IDENTITY columns and SEQUENCE object.
   1. Since you have generated new rep\_id values, you will need to re-assign these values to the rep\_id column in the customers table.
   2. The order\_id and customer\_id values in the RP\_ORDERS, RP\_ORDER\_LINES, RP\_ORDERS, and RP\_ORDER\_LINES tables must be replaced with the new generated values.
9. Submit file P0703.sql