**P0702 Royal Products Database**

1. Create a file called **P0702.sql** that contains SQL DDL statements that builds the Royal Products database:
   1. Make the CREATE statements to build the database
   2. Prefix table names with rp\_
   3. Determine the data types and lengths
   4. Perform batch INSERT statements for the RP\_CUSTOMERS, RP\_PRODUCTS, RP\_INVENTORY, RP\_ORDERS, and RP\_ORDER\_LINES tables
   5. Perform individual INSERT statements (not batch inserts) for the RP\_REPS table by specifying the column names and the column values.
   6. Perform individual INSERT statements (not batch inserts) for the RP\_WAREHOUSES table by specifying only column values.
   7. Create SQL DML statements to make the following changes to the database:
      1. Change the balance for customer 408 from 5285.25 to 4285.25
      2. Change the balance for customer 842 from 8221.00 to 6221.00
      3. Increase the PRICE of all products in class AP by 8.5%
      4. Remove product Cordless Drill from the database
      5. Change the credit limit for Brookings Direct from 10,000 to 14,500.
2. Submit P0702.sql

**RP\_INVENTORY**

|  |
| --- |
| WAREHOUSE\_ID|PRODUCT\_CODE|QOH|  ------------|------------|---|  100|AT94 | 43|  100|BV06 | 24|  100|CD52 | 21|  100|DL71 | 11|  100|DR93 | 31|  100|DW11 | 12|  100|FD21 | 12|  100|KL62 | 34|  100|KT03 | 23|  100|KV29 | 25|  200|AT94 | 43|  200|BV06 | 34|  200|CD52 | 11|  200|DL71 | 41|  200|DR93 | 21|  300|DW11 | 42|  300|FD21 | 52|  300|KL62 | 14|  300|KT03 | 53|  300|KV29 | 35| |

**RP\_WAREHOUSE**

|  |
| --- |
| WAREHOUSE\_ID|WHSE\_CITY|  ------------|---------|  100|Chicago |  200|Detroit |  300|Toronto | |

**RP\_CUSTOMERS**

|  |
| --- |
| CUSTOMER\_ID|CUSTOMER\_NAME |STREET |CUST\_CITY |CUST\_STATE|ZIP |BALANCE |CREDIT\_LIMIT|REP\_ID|  -----------|--------------------------|-------------|----------|----------|------|--------|------------|------|  148|Al's Appliance and Sport |2837 Greenway|Detroit |MI |48244 | 6550.00| 7500.00| 20|  282|Brookings Direct |3827 Devon |Toronto |ON |M5V7F5| 431.50| 10000.00| 35|  356|Ferguson's |382 Wildwood |Northfield|MI |33146 | 5785.00| 7500.00| 20|  408|The Everything Shop |1828 Raven |Crystal |IL |60082 | 4285.25| 5000.00| 65|  462|Bargains Galore |3829 Central |Toronto |ON |M5V9G4| 3412.00| 10000.00| 35|  524|Kline's |838 Ridgeland|Lakeside |IL |60091 |12762.00| 15000.00| 65|  608|Johnson's Department Store|372 Oxford |Toronto |ON |M5V9S4| 2106.00| 10000.00| 35|  687|Lee's Sport and Appliance |282 Evergreen|Troy |MI |48283 | 2851.00| 5000.00| 20|  725|Deerfield's Four Seasons |282 Columbia |Toronto |ON |M5V9J5| 248.00| 7500.00| 35|  842|All Season |28 Lakeview |Grove City|IL |60081 | 6221.00| 7500.00| 65| |

**RP\_REPS**

|  |
| --- |
| REP\_ID|LAST\_NAME|FIRST\_NAME|STREET |REP\_CITY|REP\_STATE|ZIP |COMMISSION|RATE|  ------|---------|----------|------------|--------|---------|------|----------|----|  20|Culp |Betty |1275 Main St|Detroit |MI | 48288| 20542.50|0.05|  35|Manis |Richard |532 Jackson |Toronto |ON |M5V2K1| 39216.00|0.07|  65|Large |Tom |1626 Taylor |Chicago |IL | 60099| 23487.00|0.05| |

**RP\_ORDER\_LINES**

|  |
| --- |
| ORDER\_ID|PRODUCT\_CODE|QTY\_ORDERED|PRICE\_PAID|  --------|------------|-----------|----------|  21608|AT94 | 11| 21.95|  21610|DR93 | 1| 495.00|  21610|DW11 | 1| 399.99|  21613|KL62 | 4| 329.95|  21614|KT03 | 2| 595.00|  21617|BV06 | 2| 794.95|  21617|CD52 | 4| 150.00|  21619|DR93 | 1| 495.00|  21623|KV29 | 2| 1290.00| |

**RP\_ORDERS**

|  |
| --- |
| ORDER\_ID|ORDER\_DATE|CUSTOMER\_ID|  --------|----------|-----------|  21608|2021-01-20| 148|  21610|2021-02-20| 356|  21613|2021-02-21| 408|  21614|2021-03-21| 282|  21617|2021-03-22| 608|  21619|2021-04-23| 148|  21623|2021-04-23| 608| |

**RP\_PRODUCTS**

|  |
| --- |
| PRODUCT\_CODE|DESCRIPTION |CATEGORY|SUGGESTED\_PRICE|  ------------|--------------|--------|---------------|  AT94 |Iron |HW | 24.95|  BV06 |Home Gym |SG | 794.95|  CD52 |Microwave Oven|AP | 165.00|  DL71 |Cordless Drill|HW | 129.95|  DR93 |Gas Range |AP | 495.00|  DW11 |Washer |AP | 399.99|  FD21 |Stand Mixer |HW | 159.95|  KL62 |Dryer |AP | 349.95|  KT03 |Dishwasher |AP | 595.00|  KV29 |Treadmill |SG | 1390.00| |

**INSERT Statements**

INSERT ALL

INTO rp\_inventory VALUES (100, 'AT94', 43)

INTO rp\_inventory VALUES (100, 'BV06', 24)

INTO rp\_inventory VALUES (100, 'CD52', 21)

INTO rp\_inventory VALUES (100, 'DL71', 11)

INTO rp\_inventory VALUES (100, 'DR93', 31)

INTO rp\_inventory VALUES (100, 'DW11', 12)

INTO rp\_inventory VALUES (100, 'FD21', 12)

INTO rp\_inventory VALUES (100, 'KL62', 34)

INTO rp\_inventory VALUES (100, 'KT03', 23)

INTO rp\_inventory VALUES (100, 'KV29', 25)

INTO rp\_inventory VALUES (200, 'AT94', 43)

INTO rp\_inventory VALUES (200, 'BV06', 34)

INTO rp\_inventory VALUES (200, 'CD52', 11)

INTO rp\_inventory VALUES (200, 'DL71', 41)

INTO rp\_inventory VALUES (200, 'DR93', 21)

INTO rp\_inventory VALUES (300, 'DW11', 42)

INTO rp\_inventory VALUES (300, 'FD21', 52)

INTO rp\_inventory VALUES (300, 'KL62', 14)

INTO rp\_inventory VALUES (300, 'KT03', 53)

INTO rp\_inventory VALUES (300, 'KV29', 35);

SELECT 1 FROM DUAL;

INSERT ALL

INTO rp\_customers VALUES

(148,'Al''s Appliance and Sport','2837 Greenway','Detroit','MI','48244',6550.00,7500.00,20)

INTO rp\_customers VALUES

(282,'Brookings Direct','3827 Devon','Toronto','ON','M5V7F5',431.50,10000.00,35)

INTO rp\_customers VALUES

(356,'Ferguson''s','382 Wildwood','Northfield','MI','33146',5785.00,7500.00,20)

INTO rp\_customers VALUES

(408,'The Everything Shop','1828 Raven','Crystal','IL','60082',5285.25,5000.00,65)

INTO rp\_customers VALUES

(462,'Bargains Galore','3829 Central','Toronto','ON','M5V9G4',3412.00,10000.00,35)

INTO rp\_customers VALUES

(524,'Kline''s','838 Ridgeland','Lakeside','IL','60091',12762.00,15000.00,65)

INTO rp\_customers VALUES

(608,'Johnson''s Department Store','372 Oxford','Toronto','ON','M5V9S4',2106.00,10000.00,35)

INTO rp\_customers VALUES

(687,'Lee''s Sport and Appliance','282 Evergreen','Troy','MI','48283',2851.00,5000.00,20)

INTO rp\_customers VALUES

(725,'Deerfield''s Four Seasons','282 Columbia','Toronto','ON','M5V9J5',248.00,7500.00,35)

INTO rp\_customers VALUES

(842,'All Season','28 Lakeview','Grove City','IL','60081',8221.00,7500.00,65)

SELECT 1 FROM DUAL;

INSERT ALL

INTO rp\_order\_lines VALUES (21608,'AT94',11,21.95)

INTO rp\_order\_lines VALUES (21610,'DR93',1,495.00)

INTO rp\_order\_lines VALUES (21610,'DW11',1,399.99)

INTO rp\_order\_lines VALUES (21613,'KL62',4,329.95)

INTO rp\_order\_lines VALUES (21614,'KT03',2,595.00)

INTO rp\_order\_lines VALUES (21617,'BV06',2,794.95)

INTO rp\_order\_lines VALUES (21617,'CD52',4,150.00)

INTO rp\_order\_lines VALUES (21619,'DR93',1,495.00)

INTO rp\_order\_lines VALUES (21623,'KV29',2,1290.00)

SELECT 1 FROM DUAL;

INSERT ALL

INTO rp\_orders VALUES (21608,'2021-01-20',148)

INTO rp\_orders VALUES (21610,'2021-02-20',356)

INTO rp\_orders VALUES (21613,'2021-02-21',408)

INTO rp\_orders VALUES (21614,'2021-03-21',282)

INTO rp\_orders VALUES (21617,'2021-03-22',608)

INTO rp\_orders VALUES (21619,'2021-04-23',148)

INTO rp\_orders VALUES (21623,'2021-04-23',608)

SELECT 1 FROM DUAL;

INSERT ALL

INTO rp\_products VALUES ('AT94','Iron','HW',24.95)

INTO rp\_products VALUES ('BV06','Home Gym','SG',794.95)

INTO rp\_products VALUES ('CD52','Microwave Oven','AP',165.00)

INTO rp\_products VALUES ('DL71','Cordless Drill','HW',129.95)

INTO rp\_products VALUES ('DR93','Gas Range','AP',495.00)

INTO rp\_products VALUES ('DW11','Washer','AP',399.99)

INTO rp\_products VALUES ('FD21','Stand Mixer','HW',159.95)

INTO rp\_products VALUES ('KL62','Dryer','AP',349.95)

INTO rp\_products VALUES ('KT03','Dishwasher','AP',595.00)

INTO rp\_products VALUES ('KV29','Treadmill','SG',1390.00)

SELECT 1 FROM DUAL;