

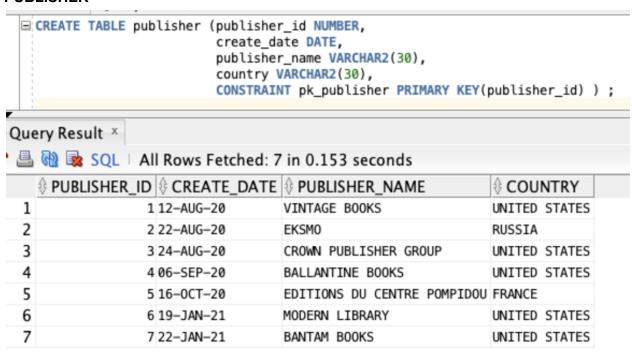
## **AUTHOR**

```
□ CREATE TABLE author (author_id NUMBER,
                         create_date DATE,
                         first_name VARCHAR2(30),
                         last_name VARCHAR2(30),
                         CONSTRAINT pk_author PRIMARY KEY(author_id) );
Query Result ×
🚇 🝓 📚 SQL | All Rows Fetched: 20 in 0.141 seconds
                         ⊕ CREATE DATE |⊕ FIRST NAME |⊕ LAST NAME

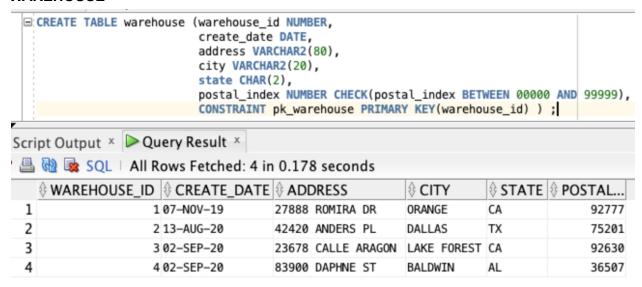
⊕ AUTHOR ID

 1
                       1 14-FEB-20
                                           ISAAC
                                                          ASIMOV
 2
                       2 28-FEB-20
                                           STEPHEN
                                                          KING
 3
                                                          BRADBURY
                       3 05-MAR-20
                                           RAY
 4
                                                          ORWELL
                       4 15-MAR-20
                                           GEORGE
 5
                       5 03-APR-20
                                           STANISLAW
                                                          LEM
 6
                       6 16-MAY-20
                                           ALEKSANDR
                                                          SOLZHENITSYN
 7
                       7 03-JUN-20
                                           JOHN
                                                          TOLKIEN
 8
                       8 29-JUN-20
                                           ANTOINE
                                                          DE SAINT-EXUPERY
 9
                       9 03-AUG-20
                                           DMITRY
                                                          GLUKHOVSKY
10
                      10 11-SEP-20
                                           ANTON
                                                          CHEKHOV
                      11 1E CED 30
                                           TOANNE
                                                          DOWL TNC
```

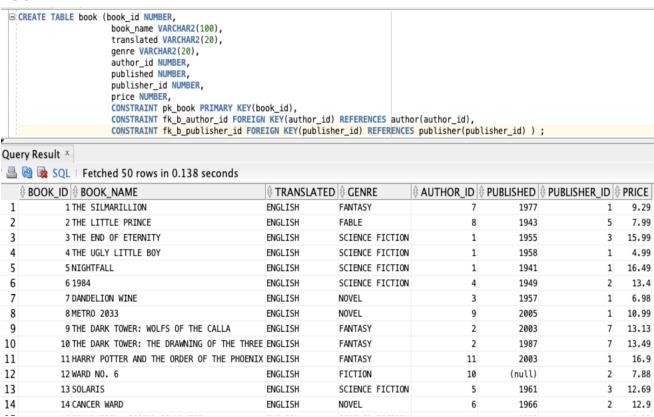
## **PUBLISHER**



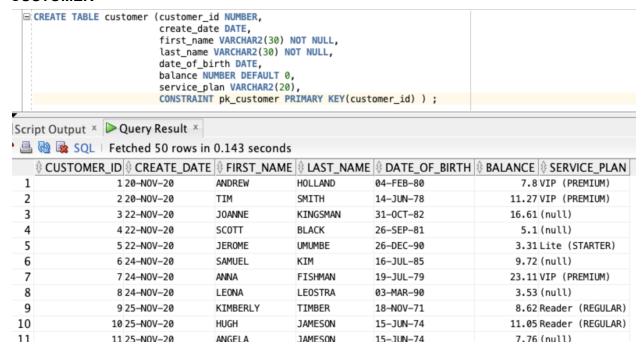
## **WAREHOUSE**



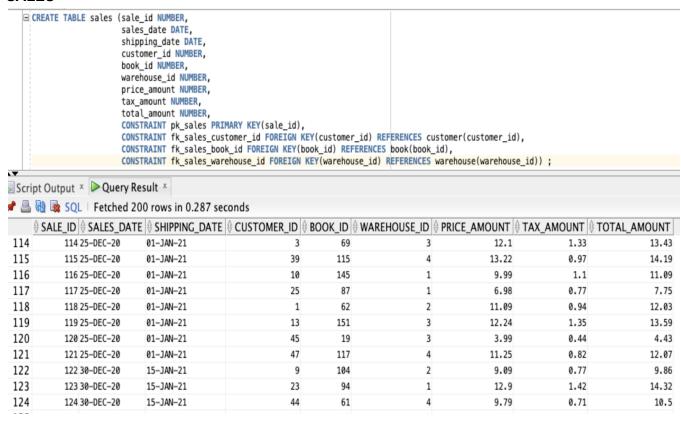
## **BOOK**



## **CUSTOMER**



## **SALES**



## **EVENT LOG:**

```
CREATE TABLE event_log (event_id NUMBER,
                          event date DATE,
                          user_name VARCHAR2(30),
                          table name VARCHAR2(30),
                          inserted_value VARCHAR2(100),
                          deleted_value VARCHAR2(100),
                          commentary CLOB,
                          CONSTRAINT pk_event_log PRIMARY KEY(event_id) );
Script Output × Query Result ×
All Rows Fetched: 8 in 0.135 seconds
   $ EVENT_ID |$ EVENT_DATE |$ USER_NAME |$ TABLE_NAME |$ INSERTED_VALUE |$ DELETED_VALUE |COMMENTARY
             101-MAR-21
                              ADMIN
                                            B00K
                                                           14.84
 1
                                                                              4.99
                                                                                                BOOK_ID: 84(THE UGLY LITTLE BOY), price has been changed to 14.84
 2
             2 01-MAR-21
                              ADMIN
                                            CUSTOMER
                                                           23.11
                                                                              8.68
                                                                                                CUSTOMER_ID: 7, balance has been changed to 23.11
 3
                             ADMIN
                                            CUSTOMER
             3 01-MAR-21
                                                           36,541
                                                                              15.94
                                                                                                CUSTOMER_ID: 43, balance has been changed to 36.541
 4
             4 01-MAR-21
                              ADMIN
                                            CUSTOMER
                                                           33.188
                                                                              13.19
                                                                                                CUSTOMER_ID: 29, balance has been changed to 33.188
 5
             5 01-MAR-21
                             ADMIN
                                            CUSTOMER
                                                           5.683
                                                                              4.95
                                                                                                CUSTOMER_ID: 16, balance has been changed to 5.683
             6 01-MAR-21
 6
                              ADMIN
                                            CUSTOMER
                                                           20.206
                                                                              14.25
                                                                                                CUSTOMER_ID: 27, balance has been changed to 20.206
            21 02-MAR-21
                             J0B
                                            (null)
                                                           (null)
                                                                              (null)
                                                                                                View VW DAILY SALES has been updated
```

# VW\_DAILY\_SALES

```
□ CREATE MATERIALIZED VIEW vw_daily_sales
    AS
        SELECT sales_date,
                COUNT(*) AS total_sales,
                COUNT(DISTINCT customer_id) unique_customers,
                SUM(total_amount) total_amount
        FROM sales
        GROUP BY sales_date
        ORDER BY sales_date;
Script Output × Query Result ×
🟲 📇 🙀 🕦 SOL | All Rows Fetched: 33 in 0.148 seconds
     ♦ SALES DATE ♦ TOTAL SALES ♦ UNIQUE CUSTOMERS ♦ TOTAL AMOUNT
   1 01-NOV-20
                                  20
                                                          16
                                                                           240.9
   2 10-NOV-20
                                   9
                                                           9
                                                                          100.48
   3 12-N0V-20
                                   5
                                                           5
                                                                           62.63
                                   9
   4 22-N0V-20
                                                           9
                                                                           86.25
   5 29-N0V-20
                                  12
                                                          10
                                                                          162.71
   6 01-DEC-20
                                   5
                                                           5
                                                                           73.38
   7 07-DEC-20
                                  12
                                                          11
                                                                          136.37
   8 10-DEC-20
                                  14
                                                          14
                                                                          191.08
   9 14-DEC-20
                                                                           115.2
                                   8
                                                           8
 10 18-DEC-20
                                   3
                                                           3
                                                                           38.71
 11 19-DEC-20
                                   4
                                                           4
                                                                           49.49
 12 23-DEC-20
                                   9
                                                           6
                                                                          118.19
 13 25-DEC-20
                                                                          129.65
                                  11
                                                          11
 14 30-DEC-20
                                   3
                                                           3
                                                                           34.68
```