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### 3dotsss advdb Task 02

Creating The Book Object and Table (20 Marks)

a) Create a custom type name book\_obj<your Studentid>. It will have an ISBN number, Title, date of publication and price:

b) Create a table book\_tab<studentid> from that type

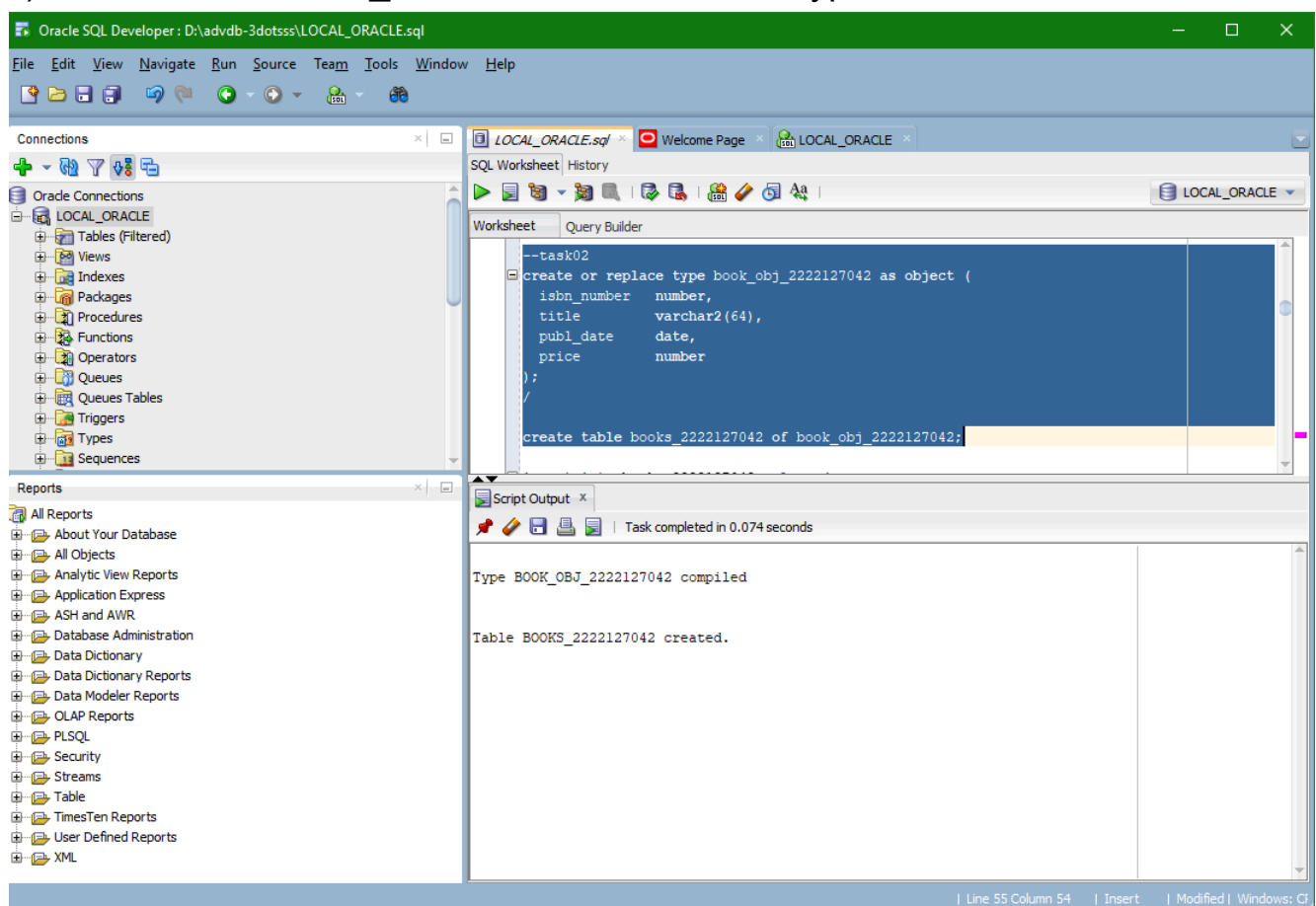


Fig: book\_obj type and table creation [SCRN 01, 02]

and insert the following rows from the csv file [books.csv](http://books.csv) from [3dotsss.com](http://3dotsss.com):

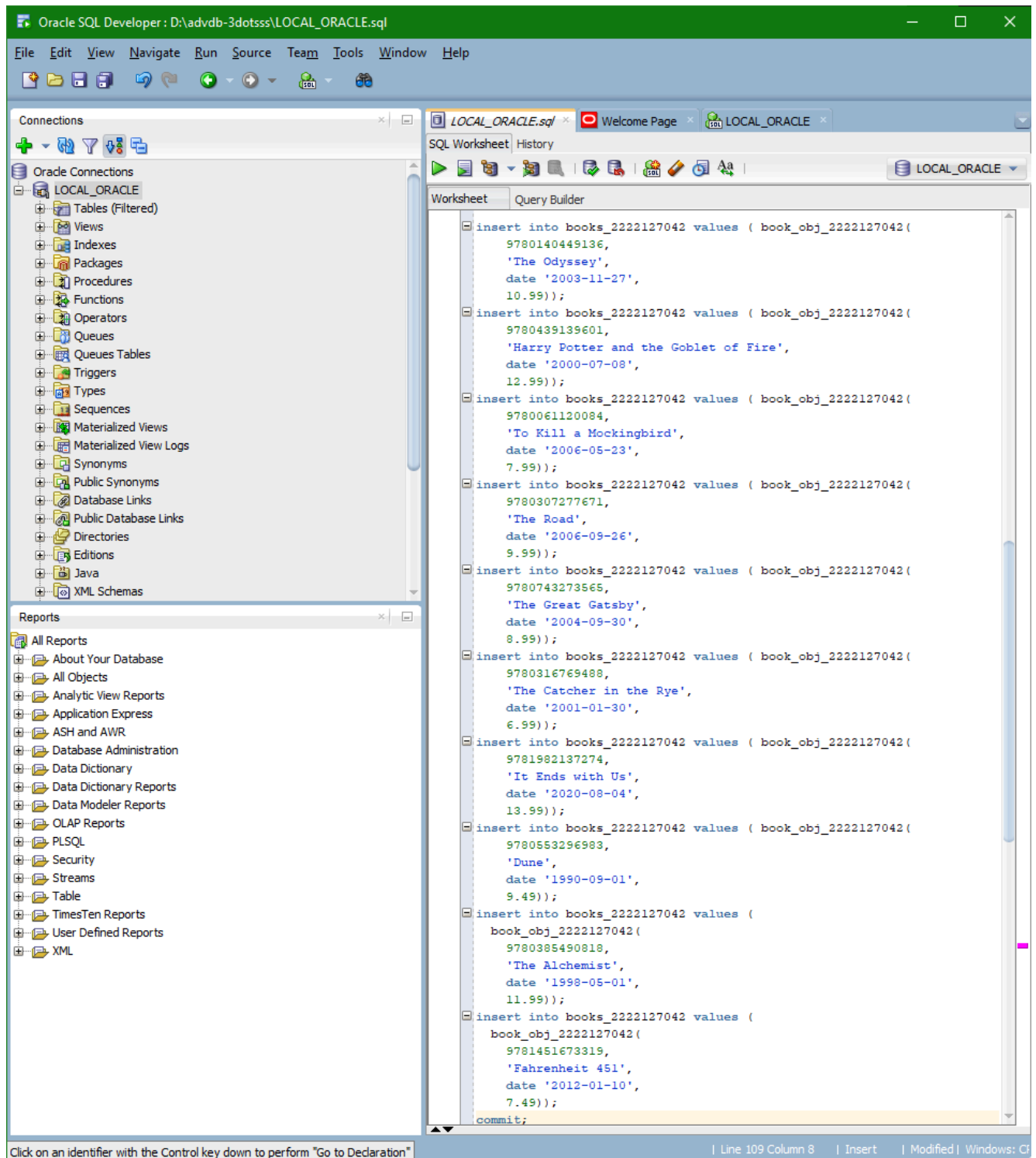


Fig: insert into table query [SCRN 03a]

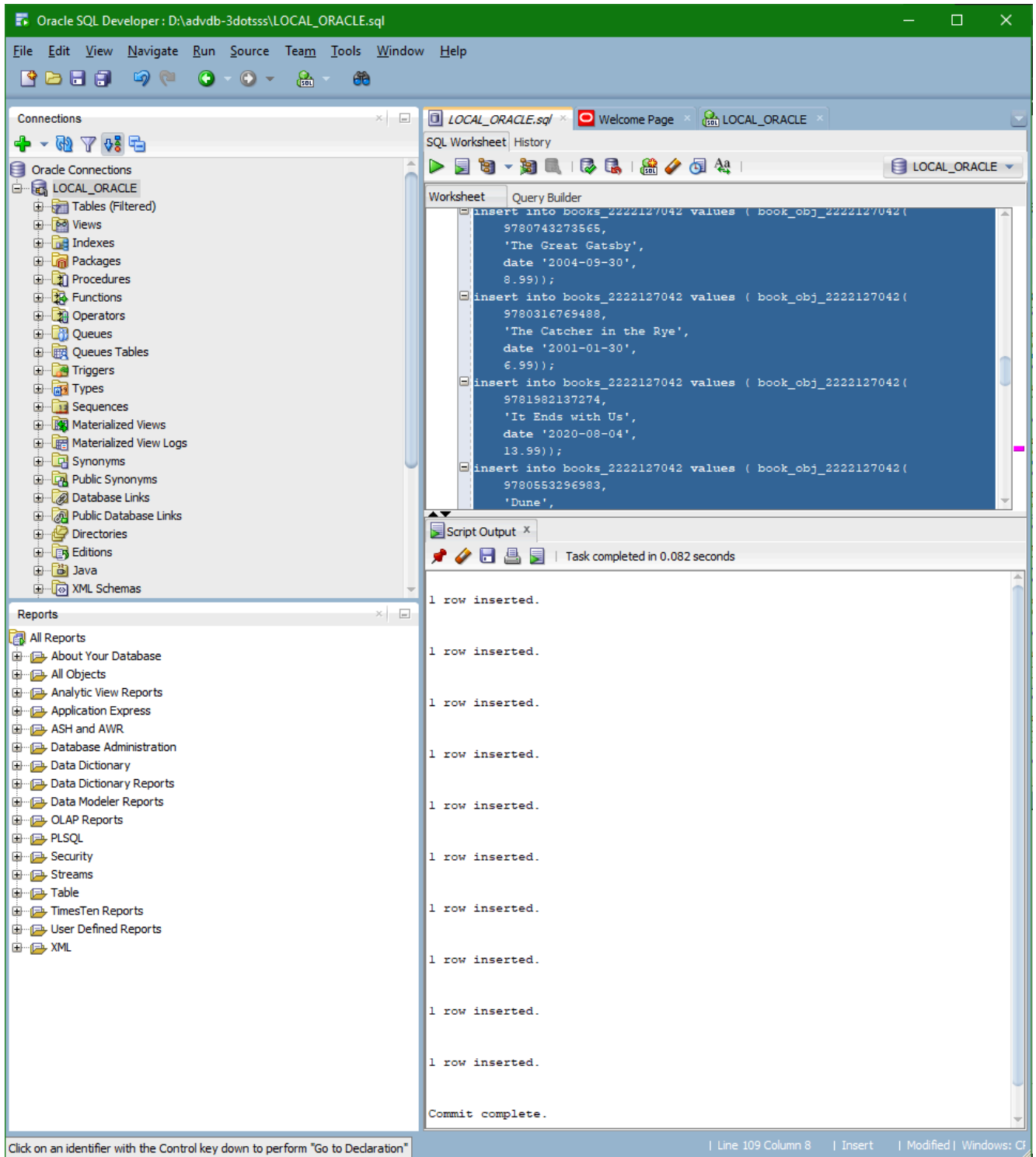
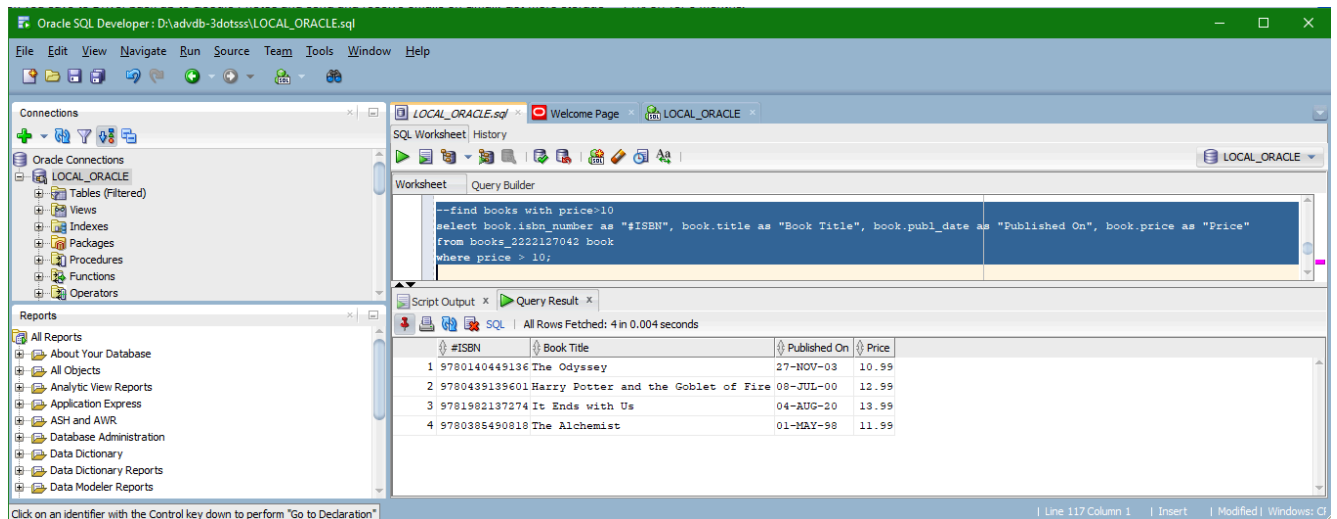


Fig: insert into table output [SCRN 03b]

c) Find books with price > 10:



Oracle SQL Developer: D:\advdb-3dotsss\LOCAL\_ORACLE.sql

Connections: LOCAL\_ORACLE

SQL Worksheet: LOCAL\_ORACLE.sql

```
--find books with price>10
select book.isbn_number as "#ISBN", book.title as "Book Title", book.publ_date as "Published On", book.price as "Price"
from books_2222127042 book
where price > 10;
```

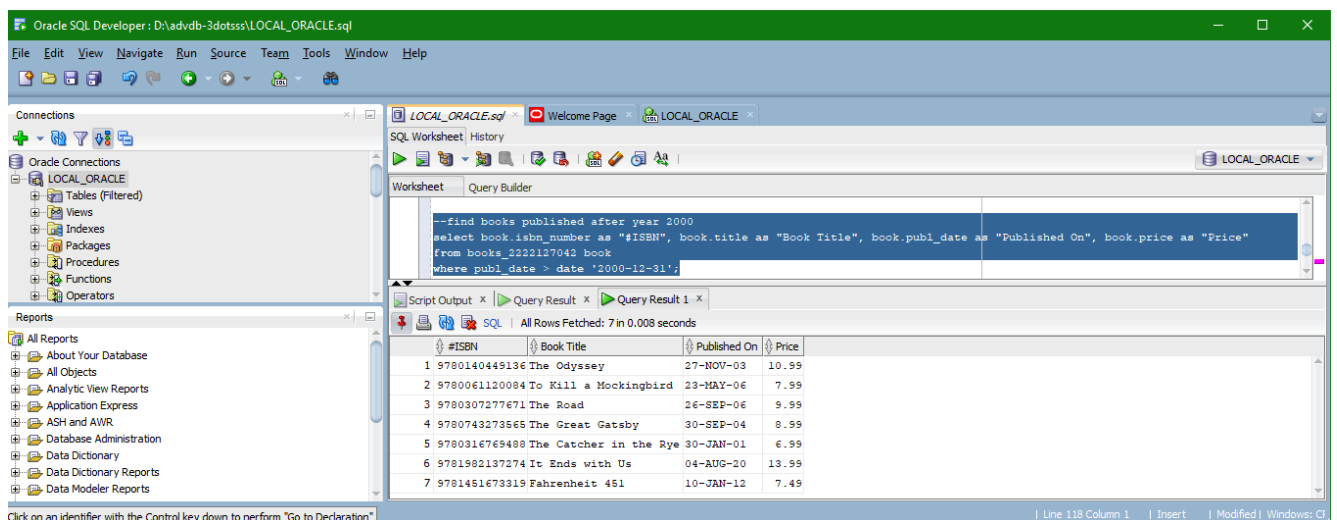
Script Output: Query Result

All Rows Fetched: 4 in 0.004 seconds

#ISBN	Book Title	Published On	Price
1 9780140449136	The Odyssey	27-NOV-03	10.99
2 9780439139601	Harry Potter and the Goblet of Fire	08-JUL-00	12.99
3 9781982137274	It Ends with Us	04-AUG-20	13.99
4 9780385490810	The Alchemist	01-MAY-98	11.99

Fig: Query Result where price>10 [SCRN 04]

d) Find books that published after 2000:



Oracle SQL Developer: D:\advdb-3dotsss\LOCAL\_ORACLE.sql

Connections: LOCAL\_ORACLE

SQL Worksheet: LOCAL\_ORACLE.sql

```
--find books published after year 2000
select book.isbn_number as "#ISBN", book.title as "Book Title", book.publ_date as "Published On", book.price as "Price"
from books_2222127042 book
where publ_date > date '2000-12-31';
```

Script Output: Query Result

All Rows Fetched: 7 in 0.008 seconds

#ISBN	Book Title	Published On	Price
1 9780140449136	The Odyssey	27-NOV-03	10.99
2 9780061120084	To Kill a Mockingbird	23-MAY-06	7.99
3 9780307277671	The Road	26-SEP-06	9.99
4 9780743273565	The Great Gatsby	30-SEP-04	8.99
5 9780316769488	The Catcher in the Rye	30-JAN-01	6.99
6 9781982137274	It Ends with Us	04-AUG-20	13.99
7 9781451673319	Fahrenheit 451	10-JAN-12	7.49

Fig: Query Result where publ\_date> YEAR 2000 [SCRN 05]