

```
mysql> SOURCE C:\ISTE230\HW\HW06\Lynch_HW6_script.sql
```

```
-----
-- Lynch, Connor
-----
```

```
Query OK, 0 rows affected (0.00 sec)
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-----
-- ISTE230, Fall 2024
-----
```

```
Query OK, 0 rows affected (0.00 sec)
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```
-----
-- HW06
-----
```

```
Query OK, 0 rows affected (0.00 sec)
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```
-----
-- #1
-----
```

```
Query OK, 0 rows affected (0.00 sec)
```

```
-----
SELECT NOW()
-----
```

```
+-----+
| NOW() |
+-----+
| 2024-10-28 11:48:27 |
+-----+
1 row in set (0.00 sec)
```

```
-----
-- #2
-----
```

```
Query OK, 0 rows affected (0.00 sec)
```

```
-----
SELECT title, catdescription
FROM Book JOIN Category ON Book.category = Category.catID
ORDER BY catdescription DESC, title
-----
```

```
+-----+-----+
| title | catdescription |
+-----+-----+
| The Shortest Book in the World | Sports |
| Yes! Networking is for Bills Fans | Sports |
| Calculus for Phys Ed Majors | Science |
| I Lasted my Love's Last Lingering Longing | Romance |
| My Lost Love's Long Last Lingering | Romance |
| My Love's at Long Last Lost his Lingering | Romance |
+-----+-----+
```

My Love's Last Lingering Lost	Romance
My Love's Last Longing	Romance
Women are From Venus ORACLE is from Beyond Pluto	Romance
A language without Pointers? Priceless.	Programming
How to add Class to your Programming	Programming
JAVA: It's more than Just a Programming Language	Programming
How to Keep your Cable Bill Down	Networking
How to Keep your Cellular Bill Down	Networking
Tired of wired? Infrared instead!	Networking
The Science of Literature Searching	Library Science
From Brockport to IT	Geography
From Deep in the Heart of Texas to IT	Geography
From the Shores of Lake Erie to IT	Geography
ER, SOM, NF, DK/NF, SQL, JDBC, ODBC, and RELVAR	Database
Master C++ Through The Classic Comics	Comics
Master HTML Through The Classic Comics	Comics
Master Wireless Through The Classic Comics	Comics

23 rows in set (0.00 sec)

```

-----
-- #3
-----

```

Query OK, 0 rows affected (0.00 sec)

```

-----
SELECT name, title, rating FROM Book
JOIN BookReview USING (ISBN) JOIN Reviewer USING (ReviewerID)
WHERE EmployedBy IS NULL
-----

```

name	title	rating
Leone	How to Keep your Cellular Bill Down	7
Leone	How to Keep your Cable Bill Down	7
Leone	From Deep in the Heart of Texas to IT	6

3 rows in set (0.00 sec)

```

-----
-- #4
-----

```

Query OK, 0 rows affected (0.00 sec)

```

-----
SELECT title, lastname, firstname FROM Book
JOIN BookAuthor USING (ISBN) JOIN Author USING (AuthorID)
ORDER BY title, lastname
-----

```

title	lastname	firstname
A language without Pointers? Priceless.	Axelrod	Mike

A language without Pointers? Priceless.	Bierre	Kevin
Calculus for Phys Ed Majors	Garrison	Dan
Calculus for Phys Ed Majors	Hartpence	Bruce
Calculus for Phys Ed Majors	Troell	Luther
ER, SOM, NF, DK/NF, SQL, JDBC, ODBC, and RELVAR	Stratton	Bill
From Brockport to IT	Johnson	Daryl
From Deep in the Heart of Texas to IT	Troell	Luther
From the Shores of Lake Erie to IT	Stratton	Bill
How to add Class to your Programming	Kang	Jai
How to add Class to your Programming	Niemi	Rayno
How to Keep your Cable Bill Down	Hartpence	Bruce
How to Keep your Cellular Bill Down	Hartpence	Bruce
I Lasted my Love's Last Lingering Longing	Heartthrob	Danielle
JAVA: It's more than Just a Programming Language	Sonstein	Jeff
Master C++ Through The Classic Comics	Machogeek	Hero
Master C++ Through The Classic Comics	Webguy	Smerdley
Master HTML Through The Classic Comics	Machogeek	Hero
Master HTML Through The Classic Comics	Webguy	Smerdley
Master Wireless Through The Classic Comics	Hartpence	Bruce
My Lost Love's Long Last Lingering	Heartthrob	Danielle
My Love's at Long Last Lost his Lingering	Heartthrob	Danielle
My Love's Last Lingering Lost	Heartthrob	Danielle
My Love's Last Longing	Heartthrob	Danielle
The Science of Literature Searching	Henderson	Tona
The Science of Literature Searching	Lawley	Elizabeth
The Shortest Book in the World	Phelps	Andrew
Tired of wired? Infrared instead!	Hartpence	Bruce
Women are From Venus ORACLE is from Beyond Pluto	Weeden	Elissa
Yes! Networking is for Bills Fans	Leone	James
Yes! Networking is for Bills Fans	Lutz	Peter
Yes! Networking is for Bills Fans	Phelps	Andrew

-----+-----+-----+
 32 rows in set (0.00 sec)

 -- #5

Query OK, 0 rows affected (0.00 sec)

 SELECT title, lastname, firstname, price FROM Book
 JOIN BookAuthor USING (ISBN) JOIN Author USING (AuthorID)
 JOIN OwnersBook USING (ISBN)
 WHERE price <= 50
 ORDER BY price DESC, title

title	lastname	firstname	price
ER, SOM, NF, DK/NF, SQL, JDBC, ODBC, and RELVAR	Stratton	Bill	50.00
My Love's Last Longing	Heartthrob	Danielle	50.00
How to Keep your Cable Bill Down	Hartpence	Bruce	45.00
Yes! Networking is for Bills Fans	Lutz	Peter	40.00
Yes! Networking is for Bills Fans	Leone	James	40.00
Yes! Networking is for Bills Fans	Phelps	Andrew	40.00

The Shortest Book in the World	Phelps	Andrew	35.00	
How to Keep your Cellular Bill Down	Hartpence	Bruce	25.00	
My Lost Love's Long Last Lingering	Heartthrob	Danielle	25.00	
From the Shores of Lake Erie to IT	Stratton	Bill	0.00	

+-----+-----+-----+-----+
 10 rows in set (0.00 sec)

 -- #6

Query OK, 0 rows affected (0.00 sec)

 SELECT title, name FROM Book
 LEFT OUTER JOIN BookReview USING (ISBN)
 LEFT OUTER JOIN Reviewer USING (ReviewerID)

title	name	
Women are From Venus ORACLE is from Beyond Pluto	Phelps	
Calculus for Phys Ed Majors	NULL	
My Love's Last Longing	Heartthrob	
From the Shores of Lake Erie to IT	Yacci	
My Love's Last Lingering Lost	Troell	
My Love's Last Lingering Lost	Phelps	
The Science of Literature Searching	NULL	
Yes! Networking is for Bills Fans	Kurtz	
Yes! Networking is for Bills Fans	Whittington	
Yes! Networking is for Bills Fans	Stratton	
How to Keep your Cellular Bill Down	Leone	
How to Keep your Cellular Bill Down	Whittington	
Tired of wired? Infrared instead!	NULL	
ER, SOM, NF, DK/NF, SQL, JDBC, ODBC, and RELVAR	Bills	
Master Wireless Through The Classic Comics	NULL	
How to Keep your Cable Bill Down	Leone	
I Lasted my Love's Last Lingering Longing	Weeden	
From Deep in the Heart of Texas to IT	Leone	
My Lost Love's Long Last Lingering	Stratton	
From Brockport to IT	Yacci	
From Brockport to IT	Perez-Hardy	
Master HTML Through The Classic Comics	NULL	
The Shortest Book in the World	Kurtz	
The Shortest Book in the World	Stratton	
My Love's at Long Last Lost his Lingering	Weeden	
How to add Class to your Programming	McVea	
Master C++ Through The Classic Comics	NULL	
A language without Pointers? Priceless.	NULL	
JAVA: It's more than Just a Programming Language	Whittington	

+-----+-----+-----+-----+
 29 rows in set (0.00 sec)

 -- #7

Query OK, 0 rows affected (0.00 sec)

```
-----
SELECT ISBN, title FROM Book
JOIN Category ON Book.category = Category.catID
WHERE catdescription LIKE 's%'
-----
```

```
+-----+-----+
| ISBN          | title                                     |
+-----+-----+
| 1-222-32443-7 | Calculus for Phys Ed Majors             |
| 2-089-77869-5 | Yes! Networking is for Bills Fans       |
| 8-330-69586-6 | The Shortest Book in the World          |
+-----+-----+
3 rows in set (0.00 sec)
```

```
-----
-- #8
-----
```

Query OK, 0 rows affected (0.00 sec)

```
-----
SELECT OwnerID AS "Owner's ID", title AS "Book Title", CONCAT (LastName, ", ",
FirstName) AS "Owner"
FROM Book JOIN OwnersBook USING (ISBN) JOIN Owner USING (OwnerID)
ORDER BY OwnerID DESC
-----
```

```
+-----+-----+-----+
+-----+-----+-----+
| Owner's ID | Book Title                                     | Owner
|
+-----+-----+-----+
+-----+-----+-----+
|          10 | From the Shores of Lake Erie to IT          | Lumberworker,
George |
|           9 | How to Keep your Cable Bill Down            | Tripplewander,
Martha |
|           9 | I Lasted my Love's Last Lingering Longing   | Tripplewander,
Martha |
|           9 | My Lost Love's Long Last Lingering          | Tripplewander,
Martha |
|           9 | The Shortest Book in the World              | Tripplewander,
Martha |
|           8 | How to Keep your Cellular Bill Down         | Rabblewok, George
|
|           7 | My Love's Last Lingering Lost               | Burblemonger, Mary
|
|           6 | The Science of Literature Searching          | Ling, Wei
|
|           6 | From Deep in the Heart of Texas to IT       | Ling, Wei
|
|           6 | My Love's at Long Last Lost his Lingering   | Ling, Wei
|
```

5	How to Keep your Cellular Bill Down	Francis, Scott
5	ER, SOM, NF, DK/NF, SQL, JDBC, ODBC, and RELVAR	Francis, Scott
4	Yes! Networking is for Bills Fans	Corplestein, Ira
4	How to Keep your Cellular Bill Down	Corplestein, Ira
4	ER, SOM, NF, DK/NF, SQL, JDBC, ODBC, and RELVAR	Corplestein, Ira
3	My Love's Last Longing	Corplestein, Leslie
3	From the Shores of Lake Erie to IT	Corplestein, Leslie
3	From Deep in the Heart of Texas to IT	Corplestein, Leslie
2	Yes! Networking is for Bills Fans	Scott, Francis

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19 rows in set (0.00 sec)

mysql> NOTEE