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mysql>--Joshi Kunal Deepak
mysql>--HW# 06
mysql>--November 10, 2019
mysql>--ISTE230.01    M,W,F class at 8am
mysql>--Due Date November 17, 2019
mysql>--Professor:  Habermas, James

mysql> use book;
Database changed
mysql>--Query 1  - GOAL: SQL statement that will show the title for each
book and its category description
mysql> select bo.Title,cat.catdescription from book bo,category cat
    -> where bo.Category=cat.CatID order by cat.catdescription desc,
bo.Title asc;
-----
select bo.Title,cat.catdescription from book bo,category cat
where bo.Category=cat.CatID order by cat.catdescription desc, bo.Title asc
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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)

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mysql>--Query 2  - GOAL: List the book titles and their ratings for all
reviewers who do not work for a newspaper or any other news organization
mysql> select rev.name, bo.Title, br.rating from reviewer rev join
BookReview br using(ReviewerID) join book bo using(ISBN)
    -> where rev.EmployedBy IS NULL;
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```
select rev.name, bo.Title, br.rating from reviewer rev join BookReview br
using(ReviewerID) join book bo using(ISBN)
where rev.EmployedBy IS NULL
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+-----+-----+-----+
| 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)
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mysql>--Query 3 - GOAL: For each book, show the title and the lastname
and firstname for the author(s) of the book.
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--The results should be sorted by book title in A-Z order, followed by
author lastname in A-Z order
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mysql> select bo.Title, au.LastName, au.FirstName from book bo join
bookAuthor ba using(ISBN) join Author au using(AuthorID)
-> order by bo.Title,au.LastName asc;
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```
select bo.Title, au.LastName, au.FirstName from book bo join bookAuthor ba
using(ISBN) join Author au using(AuthorID)
order by bo.Title,au.LastName asc
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```

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+-----+-----+-----+
--+
| Title | LastName |
|-----+-----+
| 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
|
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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

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 --+
 32 rows in set (0.01 sec)

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mysql>--Query 4 - GOAL: List the titles, authorâ€™s names, and prices for
pre-owned books that are priced at $50.00 or below.
--Results should be sorted by price in descending order, followed by title
in A-Z order.
mysql> select bo.Title, au.LastName, au.FirstName, ob.price from book bo
join bookAuthor ba using(ISBN) join Author au using(AuthorID) join
```


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	

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29 rows in set (0.00 sec)

mysql>--Query 6 - GOAL: Write a subquery that will display the ISBN and title of book that have a category that starts with the letter 'S'.

mysql> select bo.isbn, bo.title from book bo where bo.category in (select ca.catID from category ca where catdescription like "S%");

select bo.isbn, bo.title from book bo where bo.category in (select ca.catID from category ca 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 (0.01 sec)

mysql> notee