

**Show for all Sci Fi books, book title, year written, brief synopsis, sorted by title**

```
SELECT Books.title, Books.YearWritten, Books.synopsis, Categories.categoryType
FROM Categories
INNER JOIN
    (Books INNER JOIN BooksCategories ON Books.ID = BooksCategories.bookId_FK)
ON Categories.ID = BooksCategories.catId_FK
WHERE Categories.categoryType = 'Science Fiction'
ORDER BY title;
```

**Show all categories for which there are books**

```
SELECT Categories.categoryType, COUNT(*) AS numberOfTitles
FROM Categories
INNER JOIN
    (Books INNER JOIN BooksCategories ON Books.ID = BooksCategories.bookId_FK)
ON Categories.ID = BooksCategories.catId_FK
GROUP BY Categories.categoryType;
```

**Show for all mysteries, title and average rating**

```
SELECT Books.title, ROUND(Avg(UserReviews.rating), 1) AS averageRating
FROM
    (Categories INNER JOIN (Books INNER JOIN BooksCategories ON Books.ID = BooksCategories.bookId_FK)
    ON Categories.ID = BooksCategories.catId_FK)
INNER JOIN UserReviews
    ON Books.ID = UserReviews.bookId_FK
WHERE (((Categories.categoryType)='Mystery'))
GROUP BY Books.title;
```

**Show for each author, first name, last name and average rating**

```
SELECT Author.firstName, Author.lastName, ROUND(Avg([rating]), 1) AS AverageRating
FROM
    (Books INNER JOIN
        (Author INNER JOIN AuthorsOfBooks
            ON Author.ID = AuthorsOfBooks.authorId_FK)
        ON Books.ID = AuthorsOfBooks.bookId_FK)
LEFT JOIN UserReviews
    ON Books.ID = UserReviews.bookId_FK
GROUP BY firstName, lastName;
```

**Create a statement to add to user table, the user named: Mike Zellers, Userid: mzellers, password: password**

**Write a SQL statement to delete all mysteries and everything about them.**

**Is there anything that would keep this from working?**

**Write a SQL statement to update author Mark Twain with his correct birth and death date.**

## What if there were two authors named Mark Twain?

The table of authors was designed to use an arbitrary ID number as the primary key. The above statement will select only the Mark Twain that has ID# 10. Although this would require the user to know the arbitrary ID#, an Application could be built to allow the user to pinpoint the Author they would like to update in a more intuitive fashion.