/\*

Write an MySQL query to retrieve the titles and prices of books

along with the corresponding author names

Table authors:

+-------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------------+--------------+------+-----+---------+-------+

| author\_id | int | NO | PRI | NULL | |

| author\_name | varchar(100) | YES | | NULL | |

+-------------+--------------+------+-----+---------+-------+

Table books:

+----------------+---------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------------+---------------+------+-----+---------+-------+

| book\_id | int | NO | PRI | NULL | |

| title | varchar(255) | YES | | NULL | |

| author\_id | int | YES | | NULL | |

| genre\_id | int | YES | | NULL | |

| price | decimal(10,2) | YES | | NULL | |

| published\_date | date | YES | | NULL | |

+----------------+---------------+------+-----+---------+-------+

Table genres:

+------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+------------+-------------+------+-----+---------+-------+

| genre\_id | int | NO | PRI | NULL | |

| genre\_name | varchar(50) | YES | | NULL | |

+------------+-------------+------+-----+---------+-------+

Sample Ouput:

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+--------------------------------------+-------+------------------------+

| title | price | author\_name |

+--------------------------------------+-------+------------------------+

| To Kill a Mockingbird | 19.99 | Harper Lee |

| 1984 | 29.99 | George Orwell |

+--------------------------------------+-------+------------------------+

\*/

use bookstore;

-- Write your query below

select books.title,books.price,authors.author\_name from books JOIN authors ON books.author\_id=authors.author\_id;

/\*

Write an MySQL query to list all books in the 'Fiction' genre along with

their authors

Table authors:

+-------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------------+--------------+------+-----+---------+-------+

| author\_id | int | NO | PRI | NULL | |

| author\_name | varchar(100) | YES | | NULL | |

+-------------+--------------+------+-----+---------+-------+

Table books:

+----------------+---------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------------+---------------+------+-----+---------+-------+

| book\_id | int | NO | PRI | NULL | |

| title | varchar(255) | YES | | NULL | |

| author\_id | int | YES | | NULL | |

| genre\_id | int | YES | | NULL | |

| price | decimal(10,2) | YES | | NULL | |

| published\_date | date | YES | | NULL | |

+----------------+---------------+------+-----+---------+-------+

Table genres:

+------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+------------+-------------+------+-----+---------+-------+

| genre\_id | int | NO | PRI | NULL | |

| genre\_name | varchar(50) | YES | | NULL | |

+------------+-------------+------+-----+---------+-------+

Sample Ouput:

-------------

+-------------------------------+------------------------+

| title | author\_name |

+-------------------------------+------------------------+

| To Kill a Mockingbird | Harper Lee |

| The Catcher in the Rye | J.D. Salinger |

+-------------------------------+------------------------+

\*/

use bookstore;

-- Write your query below

select books.title,authors.author\_name from books JOIN authors ON books.author\_id=authors.author\_id JOIN genres On books.genre\_id = genres.genre\_id where genres.genre\_name='Fiction';

/\*

Write an MySQL query to retrieve the total price of books published by each author

Table authors:

+-------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------------+--------------+------+-----+---------+-------+

| author\_id | int | NO | PRI | NULL | |

| author\_name | varchar(100) | YES | | NULL | |

+-------------+--------------+------+-----+---------+-------+

Table books:

+----------------+---------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------------+---------------+------+-----+---------+-------+

| book\_id | int | NO | PRI | NULL | |

| title | varchar(255) | YES | | NULL | |

| author\_id | int | YES | | NULL | |

| genre\_id | int | YES | | NULL | |

| price | decimal(10,2) | YES | | NULL | |

| published\_date | date | YES | | NULL | |

+----------------+---------------+------+-----+---------+-------+

Table genres:

+------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+------------+-------------+------+-----+---------+-------+

| genre\_id | int | NO | PRI | NULL | |

| genre\_name | varchar(50) | YES | | NULL | |

+------------+-------------+------+-----+---------+-------+

Sample Ouput:

-------------

+------------------------+-------------+

| author\_name | total\_price |

+------------------------+-------------+

| Harper Lee | 19.99 |

| George Orwell | 29.99 |

| F. Scott Fitzgerald | 14.99 |

+------------------------+-------------+

\*/

use bookstore;

-- Write your query below

/\*

Write an MySQL query to find the titles of books published in 'Science Fiction'

genre along with their prices

Table authors:

+-------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------------+--------------+------+-----+---------+-------+

| author\_id | int | NO | PRI | NULL | |

| author\_name | varchar(100) | YES | | NULL | |

+-------------+--------------+------+-----+---------+-------+

Table books:

+----------------+---------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------------+---------------+------+-----+---------+-------+

| book\_id | int | NO | PRI | NULL | |

| title | varchar(255) | YES | | NULL | |

| author\_id | int | YES | | NULL | |

| genre\_id | int | YES | | NULL | |

| price | decimal(10,2) | YES | | NULL | |

| published\_date | date | YES | | NULL | |

+----------------+---------------+------+-----+---------+-------+

Table genres:

+------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+------------+-------------+------+-----+---------+-------+

| genre\_id | int | NO | PRI | NULL | |

| genre\_name | varchar(50) | YES | | NULL | |

+------------+-------------+------+-----+---------+-------+

Sample Ouput:

-------------

+------------------------+-------+

| title | price |

+------------------------+-------+

| The Brothers Karamazov | 32.99 |

+------------------------+-------+

\*/

use bookstore;

-- Write your query below