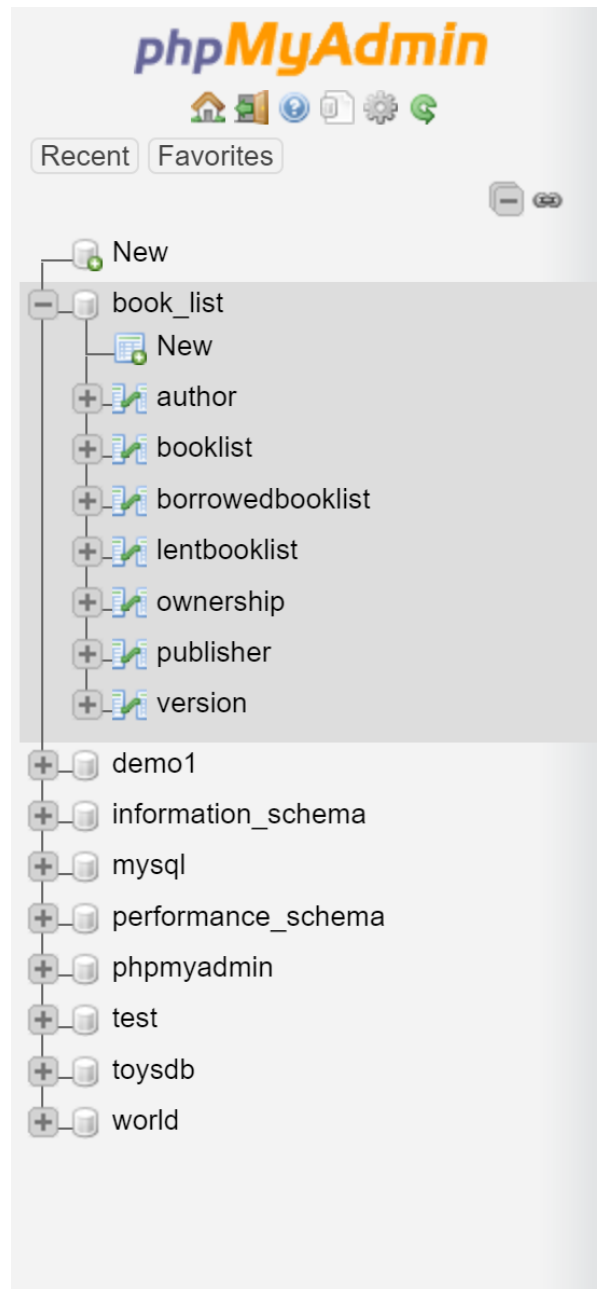


Managing Personal Library System (php MyAdmin)

Sanzida Parvin

Database Structure



View Script of Some Queries

Query 1: Show the title of the books with the author name that are borrowed from others.

The screenshot shows the phpMyAdmin interface for a database named 'book_list'. The left sidebar displays the database structure, including tables like 'author', 'booklist', 'borrowedbooklist', 'lentbooklist', 'ownership', 'publisher', and 'version'. The main panel shows the 'Query' tab with a SQL query that selects book titles, author names, and ownership status for books that are borrowed.

SQL Query:

```
1 SELECT BookList.BookTitle, Author.FirstName, Author.LastName, Ownership.Ownership
2 FROM BookList JOIN Author ON BookList.AuthorID = Author.AuthorID
3 JOIN Ownership ON BookList.OwnershipID = Ownership.OwnershipID
4 WHERE Ownership.Ownership = 'Borrowed'
5 ORDER BY BookList.BookTitle
```

The query results show 4 rows of data:

BookTitle	FirstName	LastName	Ownership
Aaj Dupure Tomar Nimantron	Humayun	Ahmed	Borrowed
Amar Bondhu Rashed	Muhammed	Zafar Iqbal	Borrowed
Ekattorer Dingulee	Jahanara	Imam	Borrowed
Misir Alir Amimangsito Rahasya	Humayun	Ahmed	Borrowed

Query 2: How many Novels are there in the list with the author name?

phpMyAdmin

Server: 127.0.0.1 » Database: book_list

Structure SQL Search Query Export Import Operations Privileges

Show query box

Showing rows 0 - 21 (22 total, Query took 0.0237 seconds.) [FirstName: HUMAYUN... - TASLIMA...]

```

1 SELECT BookList.BookTitle, Author.FirstName, Author.LastName, BookList.BookType
2 FROM BookList JOIN Author ON BookList.AuthorID = Author.AuthorID
3 WHERE BookList.BookType = 'Novel'
4 ORDER BY Author.FirstName

```

☒ Enable foreign key checks

Go Cancel

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

BookTitle	FirstName	LastName	BookType
Aguner poroshmoni	Humayun	Ahmed	Novel
Chayabithi	Humayun	Ahmed	Novel
Himu	Humayun	Ahmed	Novel
Himu Remand-E	Humayun	Ahmed	Novel
Jochna O Jononir Golpo	Humayun	Ahmed	Novel
Megher Chaya	Humayun	Ahmed	Novel
Rupar Palonko	Humayun	Ahmed	Novel
Mother	Maxim	Gorky	Novel
Uttaradhikar	Samaresh	Majumder	Novel
Kaalbela	Samaresh	Majumder	Novel
Kalpurush	Samaresh	Majumder	Novel
Shatkahon	Samaresh	Majumder	Novel
Gorvodharini	Samaresh	Majumder	Novel
Aat Kuthuri Noy Dorja	Samaresh	Majumder	Novel
Bamuner Meye	Sharatchandra	Chattopaddhay	Novel
Bipradas	Sharatchandra	Chattopaddhay	Novel
Datta	Sharatchandra	Chattopaddhay	Novel
Dena Paona	Sharatchandra	Chattopaddhay	Novel
Palli Samaj	Sharatchandra	Chattopaddhay	Novel
Barinota	Sharatchandra	Chattopaddhay	Novel

Console

Query 3: Show the name and price of the books that are lendd.

phpMyAdmin

Server: 127.0.0.1 » Database: book_list

Structure SQL Search Query Export Import Operations Privileges Routines

Show query box

Showing rows 0 - 4 (5 total, Query took 0.0008 seconds.) [BookTitle: JOLO DOSHYUR DIP 1,2... - RUPALI MAKORSHA...]

```

1 SELECT BookList.BookTitle, BookList.Price_in_BDT, Ownership.Ownership
2 FROM BookList JOIN Ownership
3 ON BookList.OwnershipID = Ownership.OwnershipID
4 WHERE Ownership.Ownership = 'lended'
5 ORDER BY BookList.BookTitle

```

☒ Enable foreign key checks

Go Cancel

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

BookTitle	Price_in_BDT	Ownership
Jolo Doshyur Dip 1,2	75	Lended
Maa	300	Lended
Nirbasan	250	Lended
Roktochokkhu	75	Lended
Rupali Makorsha	75	Lended

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query 4: Show the publisher name along with the book title and the author's full name.

phpMyAdmin

Server: 127.0.0.1 » Database: book_list

Structure SQL Search Query Export Import Operations Privileges Routines

Show query box

Showing rows 0 - 24 (55 total, Query took 0.0010 seconds.) [BookTitle: AAJ DUPURE TOMAR NIMANTRON... - JOCHNA O JONONIR GOLPO]

```

1 SELECT BookList.BookTitle, Author.FirstName, Author.LastName, Publisher.PublisherName
2 FROM BookList JOIN Author ON BookList.AuthorID = Author.AuthorID
3 JOIN Publisher ON BookList.PublisherID = Publisher.PublisherID
4 ORDER BY BookList.BookTitle

```

☒ Enable foreign key checks

Go Cancel

☐ Profiling [Edit i

1 > >> ☐ Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

BookTitle	FirstName	LastName	PublisherName
Aaj Dupure Tomar Nimantron	Humayun	Ahmed	Annyaprokash
Aat Kuthuri Noy Dorja	Samaresh	Majumder	Ananda Publishers Pvt Ltd
Adh Dozon School	Muhammed	Zafar Iqbal	Shikha Prokashoni
Aguner poroshmoni	Humayun	Ahmed	Annyaprokash
Amar Bondhu Rasherd	Muhammed	Zafar Iqbal	Kakoli Prokashoni
Animan	Muhammed	Zafar Iqbal	Somoy Prokashon
Bamuner Meye	Sharatchandra	Chattopaddhay	Ananda Publishers Pvt Ltd
Bhuter Hashi	Rakib	Hasan	Sheba Prokashoni
Bipradas	Sharatchandra	Chattopaddhay	Roy M. C. Sarkar Bahadur & Sons
Chayabithi	Humayun	Ahmed	Pearl Publications
Copotronic Shukh-Dukkho	Muhammed	Zafar Iqbal	Gyankosh
Cromium Oronno	Muhammed	Zafar Iqbal	Somoy Prokashon
Datta	Sharatchandra	Chattopaddhay	Roy M. C. Sarkar Bahadur & Sons
Dena Paona	Sharatchandra	Chattopaddhay	Ananda Publishers Pvt Ltd
Dhakay Tin Goyenda	Rakib	Hasan	Sheba Prokashoni
Ekattorer Dingulee	Jahanara	Imam	Shandhani Prakashani
Ekjon Otumanobi	Muhammed	Zafar Iqbal	Somoy Prokashon
Eron	Muhammed	Zafar Iqbal	Somoy Prokashon
Fiha Somikoron	Humayun	Ahmed	Afsar Brothers
Gonodharini	Samaresh	Majumder	Ananda Publishers Pvt Ltd

Console