

```
MySQL 8.0 Command Line Cli x + v
--> (3, 'Priya', 3);
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql>
mysql> -- Create VIEW
mysql> CREATE VIEW MemberBooks AS
--> SELECT Members.MemberName, Books.BookName
--> FROM Members
--> INNER JOIN Books
--> ON Members.BookID = Books.BookID;
Query OK, 0 rows affected (0.01 sec)

mysql>
mysql> -- Display VIEW
mysql> SELECT * FROM MemberBooks;
+-----+-----+
| MemberName | BookName |
+-----+-----+
| Nirosha    | Database Systems |
| Arun       | PHP Programming |
| Priya      | Data Structures |
+-----+-----+
3 rows in set (0.00 sec)

mysql>
mysql> -- Create INDEX on BookName
mysql> CREATE INDEX idx_bookname ON Books(BookName);
Query OK, 0 rows affected (0.06 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql>
mysql> -- Search using indexed column
mysql> SELECT * FROM Books WHERE BookName = 'PHP Programming';
+-----+-----+-----+-----+
| BookID | BookName          | Author | Price |
+-----+-----+-----+-----+
| 2      | PHP Programming  | Rasmus | 450.00 |
+-----+-----+-----+-----+
1 row in set (0.00 sec)
```