

SQL PROGRAM FOR BOOK

Create a Table as **book** and the details are

S. No	B_Name	Author	Price	Publisher
1	DBMS	Seema Kedhar	250	Charulata
2	TOC	John Martin	400	Tata McGraw Hill
3	C	Balagurusamy	300	Technical

- Use **Select** keyword and display the table
- Display the book which is => 300
- **Insert** a row and add new book to the book table
- Drop **Author** column

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MySQL 5.5 Command Line Cli x + v
mysql> create table book (S_No int,B_Name varchar(20),Author varchar(20),Price int,Publisher varchar(20));
Query OK, 0 rows affected (0.01 sec)

mysql> insert into book values(1,'DBMS','Seema Kedhar',250,'Charulatha'),(2,'TOC','John Martin',400,'Tata McGraw_Hill'),(3,'c','Balagurusamy',300,'Technical');
Query OK, 3 rows affected (0.05 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> select * from book;
+-----+-----+-----+-----+-----+
| S_No | B_Name | Author | Price | Publisher |
+-----+-----+-----+-----+-----+
| 1 | DBMS | Seema Kedhar | 250 | Charulatha |
| 2 | TOC | John Martin | 400 | Tata McGraw_Hill |
| 3 | c | Balagurusamy | 300 | Technical |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from book where Price >= 300;
+-----+-----+-----+-----+-----+
| S_No | B_Name | Author | Price | Publisher |
+-----+-----+-----+-----+-----+
| 2 | TOC | John Martin | 400 | Tata McGraw_Hill |
| 3 | c | Balagurusamy | 300 | Technical |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> insert into book values (4, 'python', 'john', 500, 'vijay');
Query OK, 1 row affected (0.04 sec)

mysql> select * from book;
+-----+-----+-----+-----+-----+
| S_No | B_Name | Author | Price | Publisher |
+-----+-----+-----+-----+-----+
| 1 | DBMS | Seema Kedhar | 250 | Charulatha |
| 2 | TOC | John Martin | 400 | Tata McGraw_Hill |
| 3 | c | Balagurusamy | 300 | Technical |
| 4 | python | john | 500 | vijay |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
MySQL 5.5 Command Line Cli x + v
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> insert into book values (4, 'python', 'john', 500, 'vijay');
Query OK, 1 row affected (0.04 sec)

mysql> select * from book;
+-----+-----+-----+-----+-----+
| S_No | B_Name | Author      | Price | Publisher |
+-----+-----+-----+-----+-----+
| 1    | DBMS   | Seema Kedhar | 250   | Charulatha |
| 2    | TOC    | John Martin  | 400   | Tata McGraw_Hill |
| 3    | c      | Balagurusamy | 300   | Technical  |
| 4    | python | john         | 500   | vijay      |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> ALTER TABLE book DROP COLUMN Author;
Query OK, 4 rows affected (0.05 sec)
Records: 4 Duplicates: 0 Warnings: 0

mysql> select * from book
-> ;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 's
select * from book' at line 1
mysql> select * from book;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 's
select * from book' at line 1
mysql> select * from book;
+-----+-----+-----+-----+
| S_No | B_Name | Price | Publisher |
+-----+-----+-----+-----+
| 1    | DBMS   | 250   | Charulatha |
| 2    | TOC    | 400   | Tata McGraw_Hill |
| 3    | c      | 300   | Technical  |
| 4    | python | 500   | vijay      |
+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> |
```

RESULT:

These commands assume you are using a database management system (such as MySQL or PostgreSQL) to execute the queries.