

```
mysql> create table books(bookno int(5) primary key,title
varchar(20),publication varchar(20),author varchar(20),price
int(6),quantity int(5),edition int(3));
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> insert into books
values(1,'Chemistry','danapat','balagurusamy',1000,22,4);
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into books
values(2,'Computer','tata','balagurusamy',15000,12,5);
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into books
values(3,'Physics','Cengage','Ajmera',25000,2,1);
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into books values(4,'Biology','Cengage','Amir',2000,9,3);
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into books values(5,'History','Pearson','Ajay',200,23,3);
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select title,author from books;
```

title	author
Chemistry	balagurusamy
Computer	balagurusamy
Physics	Ajmera
Biology	Amir
History	Ajay

```
5 rows in set (0.00 sec)
```

```
mysql> insert into books
values(6,'Biology','Pearson','khan',20000,16,5);
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select author from books where title='Biology';
```

author
Amir
khan

```
2 rows in set (0.01 sec)
```

```
mysql> select * from books where price>800;
```

bookno	title	publication	author	price	quantity	edition
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4	1	Chemistry	danapat	balagurusamy	1000	22
5	2	Computer	tata	balagurusamy	15000	12
1	3	Physics	Cengage	Ajmera	25000	2
3	4	Biology	Cengage	Amir	2000	9
5	6	Biology	Pearson	khan	20000	16

5 rows in set (0.00 sec)

```
mysql> select * from books where quantity>15 order by price;
```

bookno	title	publication	author	price	quantity
5	History	Pearson	Ajay	200	23
1	Chemistry	danapat	balagurusamy	1000	22
6	Biology	Pearson	khan	20000	16

3 rows in set (0.01 sec)

```
mysql> select * from books where author='balagurusamy' and publication='tata';
```

bookno	title	publication	author	price	quantity
2	Computer	tata	balagurusamy	15000	12

1 row in set (0.00 sec)

```
mysql> select author from books where author like 'A%';
```

author
Ajmera
Amir

```
| Ajay |  
+-----+  
3 rows in set (0.00 sec)
```

```
mysql> create table student(sid int(5) primary key,sname  
varchar(20),bookno int(5),foreign key(bookno) references books(bookno));  
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> desc student;
```

Field	Type	Null	Key	Default	Extra
sid	int(5)	NO	PRI	NULL	
sname	varchar(20)	YES		NULL	
bookno	int(5)	YES	MUL	NULL	

```
3 rows in set (0.00 sec)
```

```
mysql> create table student(sid int(5) primary key,sname  
varchar(20),bookno int(5),foreign key(bookno) references books(bookno));  
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> desc student;
```

Field	Type	Null	Key	Default	Extra
sid	int(5)	NO	PRI	NULL	
sname	varchar(20)	YES		NULL	
bookno	int(5)	YES	MUL	NULL	

```
3 rows in set (0.00 sec)
```