

Experiment no 2

Aim: To Implement DDL commands

Create Database:

```
create database library_management;
```

Create Table:

```
use library_management;  
create table books  
(  
Bookno int(100) primary key,  
Bookname char(20) not null,  
Authorname char(10),  
RentPrice int(10)  
);
```

Describe:

```
desc books;
```

Rename:

```
rename table books To book;
```

Alter Table add column:

```
alter table book  
add RentFlag bool;
```

Alter Table modify column:

```
alter table book  
modify Bookname varchar(40);
```

Alter Table drop column:

```
alter table book  
drop RentFlag;
```

Truncate:

```
truncate table book;
```

Drop Table:

```
drop table book;
```

MySQL Workbench

Local instance MySQL80 x Local instance MySQL80 (libr...

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

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Administration Schemas

Information

No object selected

SQL File 1*

```
3 • create table books
4 (
5   Bookno int(100) primary key,
6   Bookname char(20) not null,
7   Authorname char(10),
8   RentPrice int(10)
9 );
10 • desc books;
```

Result Grid

Field	Type	Null	Key	Default	Extra
Bookno	int	NO	PRI	NULL	
Bookname	char(20)	NO		NULL	
Authorname	char(10)	YES		NULL	
RentPrice	int	YES		NULL	

Result 1 x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	11:57:08	create database library_management	1 row(s) affected	0.000 sec
✓ 2	11:57:08	use library_management	0 row(s) affected	0.000 sec
⚠ 3	11:57:08	create table books (Bookno int(100) primary key, Bookname char(20) not null, Authorname ch...	0 row(s) affected, 2 warning(s): 1681 Integer display width is deprecated and will be removed in...	0.000 sec
✓ 4	11:57:08	desc books	4 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

ENG US 11:57 06-12-2022

MySQL Workbench

Local instance MySQL80 x

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Administration Schemas

Information

No object selected

SQL File 3*

```
1 • use library_management;
2 • rename table books To book;
```

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	12:13:50	use library_management	0 row(s) affected	0.000 sec
✓ 2	12:13:50	rename table books To book	0 row(s) affected	0.016 sec

Query Completed

ENG US 12:13 06-12-2022

MySQL Workbench

Local instance MySQL80

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Information

No object selected

SQL File 3*

```
1 use library_management;
2 alter table book
3 add RentFlag bool;
4
5 alter table book
6 modify Bookname varchar(40);
7
8 alter table book
9 drop RentFlag;
```

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	12:15:44	use library_management	0 row(s) affected	0.000 sec
2	12:15:44	alter table book add RentFlag bool	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.032 sec
3	12:15:44	alter table book modify Bookname varchar(40)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.000 sec
4	12:15:44	alter table book drop RentFlag	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.015 sec

Object Info Session

Query Completed

MySQL Workbench

Local instance MySQL80

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Information

No object selected

SQL File 3*

```
1 use library_management;
2
3 truncate table book;
```

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	12:16:18	use library_management	0 row(s) affected	0.000 sec
2	12:16:18	truncate table book	0 row(s) affected	0.016 sec

Object Info Session

Query Completed

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigation

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Administration Schemas

Information

No object selected

Object Info Session

SQL File 3*

Limit to 1000 rows

1 • use library_management;

2

3 • drop table book;

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	12:17:02	use library_management	0 row(s) affected	0.000 sec
✓ 2	12:17:02	drop table book	0 row(s) affected	0.015 sec

Query Completed

ENG US

12:17 06-12-2022