

DBMS PROJECT

Title: Library Management System

Team Members:

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Maganthi Trinadh(RA1911003010903)

Code:-

```
create database library_management_system;
```

```
show databases;
```

```
create table readers
```

```
(
```

```
reader_id VARCHAR(6),
```

```
f_name VARCHAR(30),
```

```
m_name VARCHAR(30),
```

```
ltname VARCHAR(30),
```

```
city VARCHAR(15),
```

```
mobilenumber VARCHAR(10),
```

```
occupation VARCHAR(10),
```

```
CONSTRAINT readers_pk PRIMARY KEY(reader_id)
```

```
);
```

```
INSERT INTO readers
```

```
VALUES('C00001','Ramesh','Chandra','Sharma','Delhi','Service','9567645087');
```

```
INSERT INTO readers  
VALUES('C00002','Aniket',null,'Anand','Delhi','Student','9874563509');
```

```
INSERT INTO readers  
VALUES('C00003','Rajeev','Singh','Chauhan','Jharkhand','Service','7346783490');
```

```
INSERT INTO readers VALUES('C00004','Ramesh',null,'Kumar','Madhya  
Pradesh','Service','7642789090');
```

```
INSERT INTO readers  
VALUES('C00005','Dev','Kumar','Gupta','Chattisgarh','Student','7489891924');
```

```
INSERT INTO readers VALUES('C00006','Sanskar','Kumar','Sarawgi','Uttar  
Pradesh','Student','8382004559');
```

```
INSERT INTO readers VALUES('C00007','Pranjal',null,'Patel','Madhya  
Pradesh','Student','7589789050');
```

```
INSERT INTO readers  
VALUES('C00008','Pranav',null,'Raj','Bihar','Student','7905698740');
```

```
select * from readers;
```

```
create table Books
```

```
(
```

```
book_id VARCHAR(6),
```

```
bookname VARCHAR(40),
```

```
book_domain VARCHAR(30),
```

```
CONSTRAINT book_book_id_pk primary key(book_id)
```

```
);
```

```
insert into Books values('B00001','the Cat in the Hat','Story');
```

```
insert into Books values('B00002','Charlie and the Chocolate Factory','Story');
```

```
insert into Books values('B00003','the Very Hungry Caterpillar','Story');
```

```
create table active_readers
```

```
(
```

```
account_id VARCHAR(6),
```

```
reader_id VARCHAR(6),
```

```
book_id VARCHAR(6),
```

```
astatus VARCHAR(10),
```

```
CONSTRAINT activereaders_acnumber_pk primary key(account_id),
```

```
CONSTRAINT account_readerid_fk foreign key(reader_id) references  
readers(reader_id),
```

```
CONSTRAINT account_book_id_fk foreign key(book_id) references  
Books(book_id)
```

```
);
```

```
insert into active_readers values('A00001','C00001','B00001','Premium');
```

```
insert into active_readers values('A00002','C00002','B00002','Regular');
```

```
insert into active_readers values('A00003','C00003','B00002','Premium');
```

```
insert into active_readers values('A00004','C00002','B00003','Premium');
```

```
insert into active_readers values('A00005','C00006','B00002','Regular');
```

```
insert into active_readers values('A00006','C00007','B00001','Premium');
```

```
insert into active_readers values('A00007','C00007','B00001','Premium');
```

```
insert into active_readers values('A00008','C00001','B00003','Regular');
```

```
select * from active_readers;

select * from Books;

create table bookissue_details
(
issue_number varchar(6),
account_id varchar(6),
book_id varchar(20),
book_name varchar(50),
number_of_books_issued INT(7),
constraint trandetails_tnumber_pk primary key(issue_number),
constraint trandetails_acnumber_fk foreign key(account_id) references
active_readers(account_id)
);

insert into bookissue_details values('T00001','A00001','B00001','the Cat in the
Hat',1);

insert into bookissue_details values('T00002','A00001','B00002','Charlie and the
Chocolate Factory',2);

insert into bookissue_details values('T00003','A00002','B00001','the Cat in the
Hat',1);

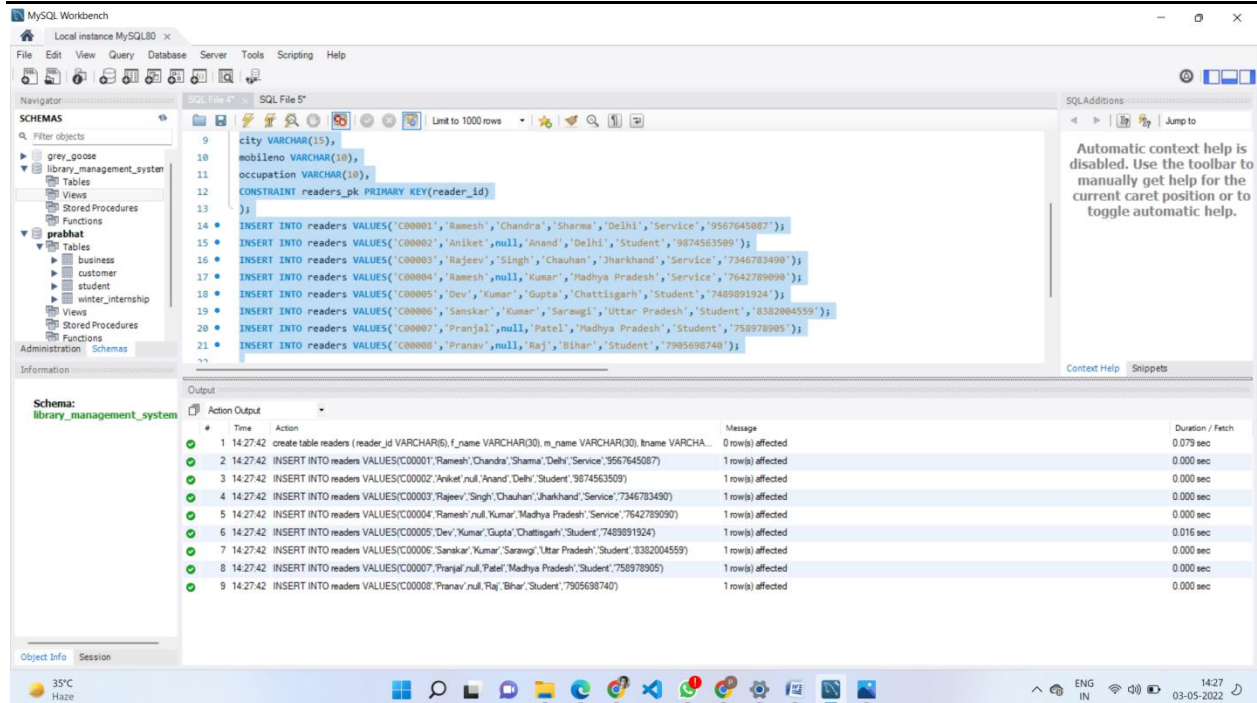
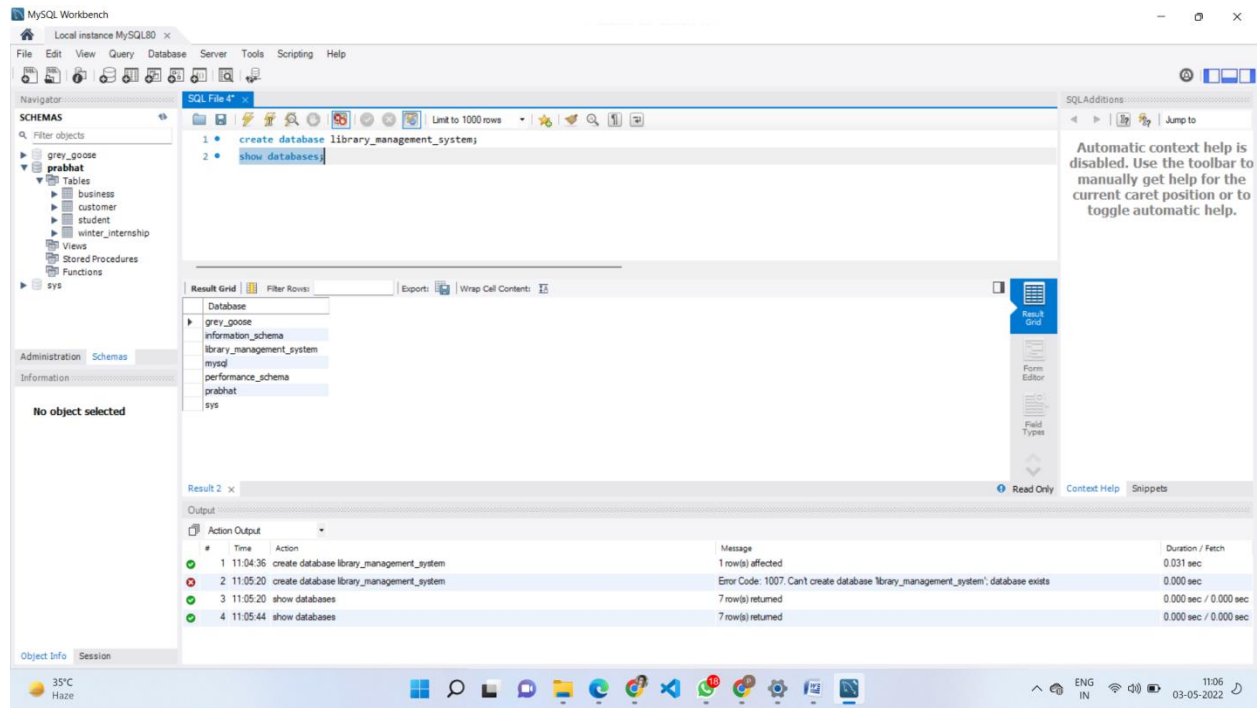
insert into bookissue_details values('T00004','A00002','B00003','the Very Hungry
Caterpillar',2);

select * from active_readers where astatus='Premium';

select * from active_readers where astatus='Regular';
```

select count(account_id) from active_readers where astatus='Premium';

Screenshots



MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

grey_goose

library_management_system

Tables

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Stored Procedures

Functions

prabhat

business

customer

student

winter_internship

Views

Stored Procedures

Functions

Administration

Schemas

Information

Schema: library_management_system

SQL File 4" SQL File 5"

Limit to 1000 rows

17 INSERT INTO readers VALUES('C00004','Ramesh',null,'Kumar','Madhya Pradesh','Service','7642789090');

18 INSERT INTO readers VALUES('C00005','Dev','Kumar','Gupta','Chattisgarh','Student','7489891924');

19 INSERT INTO readers VALUES('C00006','Sankar','Kumar','Sarangi','Uttar Pradesh','Student','8382004559');

20 INSERT INTO readers VALUES('C00007','Pranjal',null,'Patel','Madhya Pradesh','Student','7589789050');

21 INSERT INTO readers VALUES('C00008','Pranav',null,'Raj','Bihar','Student','7905698740');

22

Result Grid

reader_id	f_name	m_name	l_name	city	mobleno	occupation	
C00004	Ramesh		Kumar	Madhya Pradesh	Service	7642789090	
C00005	Dev		Kumar	Chattisgarh	Student	7489891924	
C00006	Sankar		Kumar	Sarangi	Uttar Pradesh	Student	8382004559
C00007	Pranjal		Patel	Madhya Pradesh	Student	7589789050	
C00008	Pranav		Raj	Bihar	Student	7905698740	

readers 1 x

Action Output

#	Time	Action	Message	Duration / Fetch
1	14:27:42	create table readers (reader_id VARCHAR(6), f_name VARCHAR(30), m_name VARCHAR(30), l_name VARCHAR(30), city VARCHAR(30), mobleno VARCHAR(15), occupation VARCHAR(30));	0 row(s) affected	0.079 sec
2	14:27:42	INSERT INTO readers VALUES('C00001','Ramesh','Chandra','Sharma','Delhi','Service','9567645087');	1 row(s) affected	0.000 sec
3	14:27:42	INSERT INTO readers VALUES('C00002','Aniket','null','Anand','Delhi','Student','9874563509');	1 row(s) affected	0.000 sec
4	14:27:42	INSERT INTO readers VALUES('C00003','Rajeev','Singh','Chauhan','Jharkhand','Service','7346783490');	1 row(s) affected	0.000 sec
5	14:27:42	INSERT INTO readers VALUES('C00004','Ramesh','null','Kumar','Madhya Pradesh','Service','7642789090');	1 row(s) affected	0.000 sec
6	14:27:42	INSERT INTO readers VALUES('C00005','Dev','Kumar','Gupta','Chattisgarh','Student','7489891924');	1 row(s) affected	0.016 sec
7	14:27:42	INSERT INTO readers VALUES('C00006','Sankar','Kumar','Sarangi','Uttar Pradesh','Student','8382004559');	1 row(s) affected	0.000 sec
8	14:27:42	INSERT INTO readers VALUES('C00007','Pranjal','null','Patel','Madhya Pradesh','Student','7589789050');	1 row(s) affected	0.000 sec
9	14:27:42	INSERT INTO readers VALUES('C00008','Pranav','null','Raj','Bihar','Student','7905698740');	1 row(s) affected	0.000 sec
10	14:29:57	select * from readers LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

35°C Haze

14:33 03-05-2022

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

grey_goose

library_management_system

Tables

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Stored Procedures

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prabhat

business

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student

winter_internship

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Administration

Schemas

Information

Schema: library_management_system

SQL File 4" SQL File 5"

Limit to 1000 rows

30

31

32

33

34

35

Result Grid

reader_id	f_name	m_name	l_name	city	mobleno	occupation	
C00004	Ramesh		Kumar	Madhya Pradesh	Service	7642789090	
C00005	Dev		Kumar	Chattisgarh	Student	7489891924	
C00006	Sankar		Kumar	Sarangi	Uttar Pradesh	Student	8382004559
C00007	Pranjal		Patel	Madhya Pradesh	Student	7589789050	
C00008	Pranav		Raj	Bihar	Student	7905698740	

readers 1 x

Action Output

#	Time	Action	Message	Duration / Fetch
1	14:27:42	create table readers (reader_id VARCHAR(6), f_name VARCHAR(30), m_name VARCHAR(30), l_name VARCHAR(30), city VARCHAR(30), mobleno VARCHAR(15), occupation VARCHAR(30));	0 row(s) affected	0.079 sec
2	14:27:42	INSERT INTO readers VALUES('C00001','Ramesh','Chandra','Sharma','Delhi','Service','9567645087');	1 row(s) affected	0.000 sec
3	14:27:42	INSERT INTO readers VALUES('C00002','Aniket','null','Anand','Delhi','Student','9874563509');	1 row(s) affected	0.000 sec
4	14:27:42	INSERT INTO readers VALUES('C00003','Rajeev','Singh','Chauhan','Jharkhand','Service','7346783490');	1 row(s) affected	0.000 sec
5	14:27:42	INSERT INTO readers VALUES('C00004','Ramesh','null','Kumar','Madhya Pradesh','Service','7642789090');	1 row(s) affected	0.000 sec
6	14:27:42	INSERT INTO readers VALUES('C00005','Dev','Kumar','Gupta','Chattisgarh','Student','7489891924');	1 row(s) affected	0.016 sec
7	14:27:42	INSERT INTO readers VALUES('C00006','Sankar','Kumar','Sarangi','Uttar Pradesh','Student','8382004559');	1 row(s) affected	0.000 sec
8	14:27:42	INSERT INTO readers VALUES('C00007','Pranjal','null','Patel','Madhya Pradesh','Student','7589789050');	1 row(s) affected	0.000 sec
9	14:27:42	INSERT INTO readers VALUES('C00008','Pranav','null','Raj','Bihar','Student','7905698740');	1 row(s) affected	0.000 sec
10	14:29:57	select * from readers LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
11	14:43:53	create table Books (book_id VARCHAR(6), bookname VARCHAR(40), book_domain VARCHAR(30), CONSTRAINT ...	0 row(s) affected	0.031 sec

Object Info Session

35°C Haze

14:43 03-05-2022

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

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- library_management_system
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 - student
 - winter_internship
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Administration Schemas

Information

Schema: library_management_system

SQL File 4* SQL File 5*

Limit to 1000 rows

28 book_domain VARCHAR(30),

29 CONSTRAINT book_book_id_pk primary key(book_id)

30);

31 insert into Books values('B000001','the Cat in the Hat','Story');

32 insert into Books values('B000002','Charlie and the Chocolate Factory','Story');

33 insert into Books values('B000003','the Very Hungry Caterpillar','Story');

Result Grid

reader_id	f_name	m_name	l_name	city	mobleno	occupation
C00004	Ramesh		Kumar	Madhya Pradesh	Service	7642789090
C00005	Dev	Kumar	Gupta	Chattisgarh	Student	7489891924
C00006	Sankar	Kumar	Sarangi	Uttar Pradesh	Student	8382004559
C00007	Pranjal		Patel	Madhya Pradesh	Student	7589789050
C00008	Pranav		Raj	Bihar	Student	7905698740

readers 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
6	14:27:42	INSERT INTO readers VALUES(C00005,'Dev','Kumar','Gupta','Chattisgarh','Student','7489891924')	1 row(s) affected	0.016 sec
7	14:27:42	INSERT INTO readers VALUES(C00006,'Sankar','Kumar','Sarangi','Uttar Pradesh','Student','8382004559')	1 row(s) affected	0.000 sec
8	14:27:42	INSERT INTO readers VALUES(C00007,'Pranjal','null','Patel','Madhya Pradesh','Student','7589789050')	1 row(s) affected	0.000 sec
9	14:27:42	INSERT INTO readers VALUES(C00008,'Pranav','null','Raj','Bihar','Student','7905698740')	1 row(s) affected	0.000 sec
10	14:29:57	select * from readers LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
11	14:43:53	create table Books (book_id VARCHAR(6), bookname VARCHAR(40), book_domain VARCHAR(30), CONST...	0 row(s) affected	0.031 sec
12	14:47:57	insert into Books values(B00001,'the Cat in the Hat','Story')	Error Code: 1054. Unknown column 'B000001' in field list	0.000 sec
13	14:47:57	insert into Books values(B00002,'Charlie and the Chocolate Factory','Story')	Error Code: 1054. Unknown column 'B000002' in field list	0.000 sec
14	14:47:57	insert into Books values(B00003,'the Very Hungry Caterpillar','Story')	Error Code: 1054. Unknown column 'B000003' in field list	0.000 sec
15	14:48:37	insert into Books values(B00001,'the Cat in the Hat','Story')	1 row(s) affected	0.015 sec
16	14:48:37	insert into Books values(B00002,'Charlie and the Chocolate Factory','Story')	1 row(s) affected	0.000 sec
17	14:48:37	insert into Books values(B00003,'the Very Hungry Caterpillar','Story')	1 row(s) affected	0.000 sec

Object Info Session

35°C Haze

14:51 03-05-2022

MySQL Workbench

Local instance MySQL80

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 - student
 - winter_internship
 - Views
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Administration Schemas

Information

Schema: library_management_system

SQL File 4* SQL File 5*

Limit to 1000 rows

41 CONSTRAINT account_readerid_fk foreign key(reader_id) references readers(reader_id),

42 CONSTRAINT account_book_id_fk foreign key(book_id) references Books(book_id)

43);

44

45

46

Result Grid

reader_id	f_name	m_name	l_name	city	mobleno	occupation
C00004	Ramesh		Kumar	Madhya Pradesh	Service	7642789090
C00005	Dev	Kumar	Gupta	Chattisgarh	Student	7489891924
C00006	Sankar	Kumar	Sarangi	Uttar Pradesh	Student	8382004559
C00007	Pranjal		Patel	Madhya Pradesh	Student	7589789050
C00008	Pranav		Raj	Bihar	Student	7905698740

readers 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
8	14:27:42	INSERT INTO readers VALUES(C00007,'Pranjal','null','Patel','Madhya Pradesh','Student','7589789050')	1 row(s) affected	0.000 sec
9	14:27:42	INSERT INTO readers VALUES(C00008,'Pranav','null','Raj','Bihar','Student','7905698740')	1 row(s) affected	0.000 sec
10	14:29:57	select * from readers LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
11	14:43:53	create table Books (book_id VARCHAR(6), bookname VARCHAR(40), book_domain VARCHAR(30), CONST...	0 row(s) affected	0.031 sec
12	14:47:57	insert into Books values(B00001,'the Cat in the Hat','Story')	Error Code: 1054. Unknown column 'B000001' in field list	0.000 sec
13	14:47:57	insert into Books values(B00002,'Charlie and the Chocolate Factory','Story')	Error Code: 1054. Unknown column 'B000002' in field list	0.000 sec
14	14:47:57	insert into Books values(B00003,'the Very Hungry Caterpillar','Story')	Error Code: 1054. Unknown column 'B000003' in field list	0.000 sec
15	14:48:37	insert into Books values(B00001,'the Cat in the Hat','Story')	1 row(s) affected	0.015 sec
16	14:48:37	insert into Books values(B00002,'Charlie and the Chocolate Factory','Story')	1 row(s) affected	0.000 sec
17	14:48:37	insert into Books values(B00003,'the Very Hungry Caterpillar','Story')	1 row(s) affected	0.000 sec
18	15:01:45	create table active_readers (account_id VARCHAR(6), reader_id VARCHAR(6), book_id VARCHAR(6), astatu...	Error Code: 1824. Failed to open the referenced table 'book'	0.015 sec
19	15:02:25	create table active_readers (account_id VARCHAR(6), reader_id VARCHAR(6), book_id VARCHAR(6), astatu...	0 row(s) affected	0.093 sec

Object Info Session

35°C Haze

15:02 03-05-2022

MySQL Workbench

Local instance MySQL80

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Navigator

SCHEMAS

Filter objects

grey_goose

library_management_system

Tables

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Functions

prabhat

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customer

student

winter_internship

Views

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Functions

Administration Schemas

Information

Schema: library_management_system

Object Info Session

SQL File 4* SQL File 5*

Limit to 1000 rows

49 • insert into active_readers values('A00006','C00007','B00001','Premium');

50 • insert into active_readers values('A00007','C00007','B00001','Premium');

51 • insert into active_readers values('A00008','C00001','B00003','Regular');

52 • select * from active_readers;

53

Result Grid

reader_id	f_name	m_name	l_name	city	mobileno	occupation	
C00004	Ramesh		Kumar	Madhya Pradesh	Service	7642789090	
C00005	Dev		Kumar	Gupta	Chattisgarh	Student	7469091924
C00006	Sankar		Kumar	Sarang	Uttar Pradesh	Student	8382004559
C00007	Pranjal		Patel	Madhya Pradesh	Student	7589789050	
C00008	Pranav		Raj	Bihar	Student	7905696740	

Output

Action Output

#	Time	Action	Message	Duration / Fetch
16	14:48:37	insert into Books values('B00002','Charlie and the Chocolate Factory','Story')	1 row(s) affected	0.000 sec
17	14:48:37	insert into Books values('B00003','The Very Hungry Caterpillar','Story')	1 row(s) affected	0.000 sec
18	15:01:45	create table active_readers (account_id VARCHAR(6), reader_id VARCHAR(6), book_id VARCHAR(6), astatu...	Error Code: 1824. Failed to open the referenced table 'book'	0.015 sec
19	15:02:25	create table active_readers (account_id VARCHAR(6), reader_id VARCHAR(6), book_id VARCHAR(6), astatu...	0 row(s) affected	0.093 sec
20	15:16:57	insert into active_readers values('A00001','C00001','B00001','Premium')	1 row(s) affected	0.016 sec
21	15:16:57	insert into active_readers values('A00002','C00002','B00002','Regular')	1 row(s) affected	0.000 sec
22	15:16:57	insert into active_readers values('A00003','C00003','B00002','Premium')	1 row(s) affected	0.000 sec
23	15:16:57	insert into active_readers values('A00004','C00002','B00003','Premium')	1 row(s) affected	0.015 sec
24	15:16:57	insert into active_readers values('A00005','C00006','B00002','Regular')	1 row(s) affected	0.000 sec
25	15:16:57	insert into active_readers values('A00006','C00007','B00001','Premium')	1 row(s) affected	0.000 sec
26	15:16:57	insert into active_readers values('A00007','C00007','B00001','Premium')	1 row(s) affected	0.000 sec
27	15:16:57	insert into active_readers values('A00008','C00001','B00003','Regular')	1 row(s) affected	0.000 sec

SQL Additions

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

35°C Haze

15:17 03-05-2022

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

grey_goose

library_management_system

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Stored Procedures

Functions

prabhat

business

customer

student

winter_internship

Views

Stored Procedures

Functions

Administration Schemas

Information

Schema: library_management_system

Object Info Session

SQL File 4* SQL File 5*

Limit to 1000 rows

49 • insert into active_readers values('A00006','C00007','B00001','Premium');

50 • insert into active_readers values('A00007','C00007','B00001','Premium');

51 • insert into active_readers values('A00008','C00001','B00003','Regular');

52 • select * from active_readers;

53

Result Grid

account_id	reader_id	book_id	astatus
A00001	C00001	B00001	Premium
A00002	C00002	B00002	Regular
A00003	C00003	B00002	Premium
A00004	C00002	B00003	Premium
A00005	C00006	B00002	Regular
A00006	C00007	B00001	Premium

Output

Action Output

#	Time	Action	Message	Duration / Fetch
17	14:48:37	insert into Books values('B00003','The Very Hungry Caterpillar','Story')	1 row(s) affected	0.000 sec
18	15:01:45	create table active_readers (account_id VARCHAR(6), reader_id VARCHAR(6), book_id VARCHAR(6), astatu...	Error Code: 1824. Failed to open the referenced table 'book'	0.015 sec
19	15:02:25	create table active_readers (account_id VARCHAR(6), reader_id VARCHAR(6), book_id VARCHAR(6), astatu...	0 row(s) affected	0.093 sec
20	15:16:57	insert into active_readers values('A00001','C00001','B00001','Premium')	1 row(s) affected	0.016 sec
21	15:16:57	insert into active_readers values('A00002','C00002','B00002','Regular')	1 row(s) affected	0.000 sec
22	15:16:57	insert into active_readers values('A00003','C00003','B00002','Premium')	1 row(s) affected	0.000 sec
23	15:16:57	insert into active_readers values('A00004','C00002','B00003','Premium')	1 row(s) affected	0.015 sec
24	15:16:57	insert into active_readers values('A00005','C00006','B00002','Regular')	1 row(s) affected	0.000 sec
25	15:16:57	insert into active_readers values('A00006','C00007','B00001','Premium')	1 row(s) affected	0.000 sec
26	15:16:57	insert into active_readers values('A00007','C00007','B00001','Premium')	1 row(s) affected	0.000 sec
27	15:16:57	insert into active_readers values('A00008','C00001','B00003','Regular')	1 row(s) affected	0.000 sec
28	15:17:27	select * from active_readers LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec

SQL Additions

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

35°C Haze

15:17 03-05-2022

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

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 - Functions

Administration Schemas

Information

Schema: library_management_system

SQL File 4* SQL File 5*

Limit to 1000 rows

```

49 insert into active_readers values('A00006','C00007','B00001','Premium');
50 insert into active_readers values('A00007','C00007','B00001','Premium');
51 insert into active_readers values('A00008','C00001','B00003','Regular');
52 select * from active_readers;
53 select * from Books;

```

Result Grid

book_id	bookname	book_domain
B00001	The Cat in the Hat	Story
B00002	Charlie and the Chocolate Factory	Story
B00003	The Very Hungry Caterpillar	Story

Output

readers 1 Result 5 readers 6 active_readers 7 Books 8 x

Apply Revert Context Help Snippets

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

Object Info Session

35°C Haze

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

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Information

Schema: library_management_system

SQL File 4* SQL File 5*

Limit to 1000 rows

```

59 book_name VARCHAR(50),
60 number_of_books_issued INT(7),
61 constraint trandetails_tnumber_pk primary key(issue_number),
62 constraint trandetails_acnumber_fk foreign key(account_id) references active_readers(account_id)
63 );
64

```

Result Grid

reader_id	f_name	m_name	l_name	city	mobleno	occupation
C00004	Ramesh		Kumar	Madhya Pradesh	Service	7642789090
C00005	Dev		Kumar	Gupta	Chattisgarh	Student 7489891924
C00006	Sankar		Kumar	Sarangi	Uttar Pradesh	Student 559
C00007	Pranjal		Patel	Madhya Pradesh	Student	7589789050
C00008	Pranav		Raj	Bihar	Student	7905696740

Output

readers 1 x

Apply Revert Context Help Snippets

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

Object Info Session

35°C Haze

MySQL Workbench

Local instance MySQL80

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Schema: library_management_system

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SQL File 4* SQL File 5*

Limit to 1000 rows

her_fk foreign key(account_id) references active_readers(account_id)

62

63

64 s values('T00001','A00001','B00001','the Cat in the Hat',1);

65 s values('T00002','A00001','B00002','Charlie and the Chocolate Factory',2);

66 s values('T00003','A00002','B00001','the Cat in the Hat',1);

67 s values('T00003','A00002','B00003','the Very Hungry Caterpillar',2);

68

Result Grid

Filter Rows

reader_id f_name m_name l_name city mobno occupation

C00004 Ramesh Kumar Madhya Pradesh Service 7642799590

C00005 Dev Kumar Chattisgarh Student 7469891924

C00006 Sandar Kumar Sarangi Uttar Pradesh Student 8382004559

C00007 Pranjal Patel Madhya Pradesh Student 7589799050

C00008 Pranav Raj Bihar 7905696740

Output

Action Output

Time Action Message Duration / Fetch

63 15:42:39 insert into active_readers values('A00001','C00001','B00001','Regular') Error Code: 1062. Duplicate entry 'A00001' for key 'active_readers.PRIMARY' 0.000 sec

64 15:42:39 select * from active_readers LIMIT 0, 1000 0 row(s) returned 0.000 sec / 0.000 sec

65 15:42:39 select * from Books LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec

66 16:06:11 create table bookissue_details (issue_number varchar(6), account_id varchar(6), book_id VARCHAR(6), book... 0 row(s) affected, 1 warning(s): 1681 Integer display width is deprecated and will be removed in a future release. 0.047 sec

67 17:47:39 insert into book_issue_details values('T00001','A00001','B00001','the Cat in the Hat',1) Error Code: 1146. Table 'prabhat.book_issue_details' doesn't exist 0.000 sec

68 17:47:39 insert into book_issue_details values('T00002','A00001','B00002','Charlie and the Chocolate Factory',2) Error Code: 1146. Table 'prabhat.book_issue_details' doesn't exist 0.000 sec

69 17:47:39 insert into book_issue_details values('T00003','A00002','B00001','the Cat in the Hat',1) Error Code: 1146. Table 'prabhat.book_issue_details' doesn't exist 0.000 sec

70 17:47:39 insert into book_issue_details values('T00003','A00002','B00003','the Very Hungry Caterpillar',2) Error Code: 1146. Table 'prabhat.book_issue_details' doesn't exist 0.000 sec

71 17:48:20 insert into bookissue_details values('T00001','A00001','B00001','the Cat in the Hat',1) 1 row(s) affected 0.031 sec

72 17:48:20 insert into bookissue_details values('T00002','A00002','B00002','Charlie and the Chocolate Factory',2) 1 row(s) affected 0.016 sec

73 17:48:20 insert into bookissue_details values('T00003','A00002','B00001','the Cat in the Hat',1) 1 row(s) affected 0.000 sec

74 17:48:20 insert into bookissue_details values('T00003','A00002','B00003','the Very Hungry Caterpillar',2) Error Code: 1062. Duplicate entry 'T00003' for key 'bookissue_details.PRIMARY' 0.000 sec

34°C Haze

17:48 03-05-2022

MANUALLY GET THE CONTEXT HELP manually get help for the current caret position or to toggle automatic help.

MySQL Workbench

Local instance MySQL80

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Schema: library_management_system

Object Info Session

SQL File 4* SQL File 5*

Limit to 1000 rows

63

64 insert into bookissue_details values('T00001','A00001','B00001','the Cat in the Hat',1);

65 insert into bookissue_details values('T00002','A00001','B00002','Charlie and the Chocolate Factory',2);

66 insert into bookissue_details values('T00003','A00002','B00001','the Cat in the Hat',1);

67 insert into bookissue_details values('T00004','A00002','B00003','the Very Hungry Caterpillar',2);

68 select * from active_readers where astatus='Premium';

69

Result Grid

Filter Rows

account_id reader_id book_id astatus

A00001 C00001 B00001 Premium

A00003 C00003 B00002 Premium

A00004 C00002 B00003 Premium

A00006 C00007 B00001 Premium

A00007 C00007 B00001 Premium

Output

Action Output

Time Action Message Duration / Fetch

65 15:42:39 select * from Books LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec

66 16:06:11 create table bookissue_details (issue_number varchar(6), account_id varchar(6), book_id VARCHAR(6), book... 0 row(s) affected, 1 warning(s): 1681 Integer display width is deprecated and will be removed in a future release. 0.047 sec

67 17:47:39 insert into book_issue_details values('T00001','A00001','B00001','the Cat in the Hat',1) Error Code: 1146. Table 'prabhat.book_issue_details' doesn't exist 0.000 sec

68 17:47:39 insert into book_issue_details values('T00002','A00001','B00002','Charlie and the Chocolate Factory',2) Error Code: 1146. Table 'prabhat.book_issue_details' doesn't exist 0.000 sec

69 17:47:39 insert into book_issue_details values('T00003','A00002','B00001','the Cat in the Hat',1) Error Code: 1146. Table 'prabhat.book_issue_details' doesn't exist 0.000 sec

70 17:47:39 insert into book_issue_details values('T00003','A00002','B00003','the Very Hungry Caterpillar',2) Error Code: 1146. Table 'prabhat.book_issue_details' doesn't exist 0.000 sec

71 17:48:20 insert into bookissue_details values('T00001','A00001','B00001','the Cat in the Hat',1) 1 row(s) affected 0.031 sec

72 17:48:20 insert into bookissue_details values('T00002','A00002','B00002','Charlie and the Chocolate Factory',2) 1 row(s) affected 0.016 sec

73 17:48:20 insert into bookissue_details values('T00003','A00002','B00001','the Cat in the Hat',1) 1 row(s) affected 0.000 sec

74 17:48:20 insert into bookissue_details values('T00003','A00002','B00003','the Very Hungry Caterpillar',2) Error Code: 1062. Duplicate entry 'T00003' for key 'bookissue_details.PRIMARY' 0.000 sec

75 17:50:38 insert into bookissue_details values('T00004','A00002','B00003','the Very Hungry Caterpillar',2) 1 row(s) affected 0.016 sec

76 17:52:48 select * from active_readers where astatus='Premium' LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec

34°C Haze

17:52 03-05-2022

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

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Schema: library_management_system

SQL File 5*

Limit to 1000 rows

```

64 • insert into bookissue_details values('T00001','A00001','B00001','the Cat in the Hat',1);
65 • insert into bookissue_details values('T00002','A00001','B00002','Charlie and the Chocolate Factory',2);
66 • insert into bookissue_details values('T00003','A00002','B00001','the Cat in the Hat',1);
67 • insert into bookissue_details values('T00004','A00002','B00003','the Very Hungry Caterpillar',2);
68 • select * from active_readers where astatus='Premium';
69 • select * from active_readers where astatus='Regular';

```

Result Grid

account_id	reader_id	book_id	astatus
A00002	C00002	B00002	Regular
A00005	C00006	B00002	Regular
A00008	C00001	B00003	Regular

Output

readers 1 Result 10 readers 11 active_readers 12 Books 13 active_readers 14 active_readers 15 x

Apply Revert Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
99	17:53:42	insert into active_readers values(A00006,C00007,B00001,'Premium')	Error Code: 1062. Duplicate entry 'A00006' for key 'active_readers.PRIMARY'	0.000 sec
100	17:53:42	insert into active_readers values(A00007,C00007,B00001,'Premium')	Error Code: 1062. Duplicate entry 'A00007' for key 'active_readers.PRIMARY'	0.000 sec
101	17:53:42	insert into active_readers values(A00008,C00001,B00003,'Regular')	Error Code: 1062. Duplicate entry 'A00008' for key 'active_readers.PRIMARY'	0.000 sec
102	17:53:42	select * from active_readers LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
103	17:53:42	select * from Books LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
104	17:53:42	create table bookissue_details (issue_number varchar(6), account_id varchar(6), book_id varchar(20), book_n...	Error Code: 1050. Table 'bookissue_details' already exists	0.000 sec
105	17:53:42	insert into bookissue_details values(T00001,'A00001','B00001','the Cat in the Hat',1)	Error Code: 1062. Duplicate entry 'T00001' for key 'bookissue_details.PRIMARY'	0.000 sec
106	17:53:42	insert into bookissue_details values(T00002,'A00001','B00002','Charlie and the Chocolate Factory',2)	Error Code: 1062. Duplicate entry 'T00002' for key 'bookissue_details.PRIMARY'	0.016 sec
107	17:53:42	insert into bookissue_details values(T00003,'A00002','B00001','the Cat in the Hat',1)	Error Code: 1062. Duplicate entry 'T00003' for key 'bookissue_details.PRIMARY'	0.000 sec
108	17:53:42	insert into bookissue_details values(T00004,'A00002','B00003','the Very Hungry Caterpillar',2)	Error Code: 1062. Duplicate entry 'T00004' for key 'bookissue_details.PRIMARY'	0.000 sec
109	17:53:42	select * from active_readers where astatus='Premium' LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
110	17:53:42	select * from active_readers where astatus='Regular' LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

34°C Haze

17:53 03-05-2022

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Schema: library_management_system

SQL File 5*

Limit to 1000 rows

```

65 • insert into bookissue_details values('T00002','A00001','B00002','Charlie and the Chocolate Factory',2);
66 • insert into bookissue_details values('T00003','A00002','B00001','the Cat in the Hat',1);
67 • insert into bookissue_details values('T00004','A00002','B00003','the Very Hungry Caterpillar',2);
68 • select * from active_readers where astatus='Premium';
69 • select * from active_readers where astatus='Regular';
70 • select count(account_id) from active_readers where astatus='Premium';

```

Result Grid

count(account_id)
5

Output

readers 1 Result 16 x

Read Only Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
100	17:53:42	insert into active_readers values(A00007,C00007,B00001,'Premium')	Error Code: 1062. Duplicate entry 'A00007' for key 'active_readers.PRIMARY'	0.000 sec
101	17:53:42	insert into active_readers values(A00008,C00001,B00003,'Regular')	Error Code: 1062. Duplicate entry 'A00008' for key 'active_readers.PRIMARY'	0.000 sec
102	17:53:42	select * from active_readers LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
103	17:53:42	select * from Books LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
104	17:53:42	create table bookissue_details (issue_number varchar(6), account_id varchar(6), book_id varchar(20), book_n...	Error Code: 1050. Table 'bookissue_details' already exists	0.000 sec
105	17:53:42	insert into bookissue_details values(T00001,'A00001','B00001','the Cat in the Hat',1)	Error Code: 1062. Duplicate entry 'T00001' for key 'bookissue_details.PRIMARY'	0.000 sec
106	17:53:42	insert into bookissue_details values(T00002,'A00001','B00002','Charlie and the Chocolate Factory',2)	Error Code: 1062. Duplicate entry 'T00002' for key 'bookissue_details.PRIMARY'	0.016 sec
107	17:53:42	insert into bookissue_details values(T00003,'A00002','B00001','the Cat in the Hat',1)	Error Code: 1062. Duplicate entry 'T00003' for key 'bookissue_details.PRIMARY'	0.000 sec
108	17:53:42	insert into bookissue_details values(T00004,'A00002','B00003','the Very Hungry Caterpillar',2)	Error Code: 1062. Duplicate entry 'T00004' for key 'bookissue_details.PRIMARY'	0.000 sec
109	17:53:42	select * from active_readers where astatus='Premium' LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
110	17:53:42	select * from active_readers where astatus='Regular' LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
111	17:55:14	select count(account_id) from active_readers where astatus='Premium' LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

34°C Haze

17:55 03-05-2022