

SQL File 1*

Limit to 1000 rows

```
1 -- create database
2 • create database library;
3
4 -- use database
5 • use library;
6
7 -- create tables
8 • create table branch (
9     branch_no int primary key,
10    manager_id int,
11    branch_address varchar(255),
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

emp_name	salary
----------	--------

employee 2 x

Output

Action Output

#	Time	Action	Message
1	07:17:11	create database library	1 row(s) affected
2	07:17:47	use library	0 row(s) affected
3	07:19:43	create table branch (branch_no int primary key, manager_id int, branch_address varchar(25...)	0 row(s) affected

SQL00 X

File Database Server Tools Scripting Help



SQL File 1*



```
4    -- use database
5 • use library;
6
7    -- create tables
8 • create table branch (
9      branch_no int primary key,
10     manager_id int,
11     branch_address varchar(255),
12     contact_no varchar(20)
13   );
14
```

Limit to 1000 rows

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

emp_name	salary
----------	--------

employee 2 X

Output

Action Output

#	Time	Action	Message
1	07:17:11	create database library	1 row(s) affected
2	07:17:47	use library	0 row(s) affected
3	07:19:43	create table branch (branch_no int primary key, manager_id int, branch_address varchar(25...)	0 row(s) affected



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```
14  
15 • Ⓜ create table employee (  
16     emp_id int primary key,  
17     emp_name varchar(255),  
18     position varchar(255),  
19     salary decimal(10,2),  
20     branch_no int,  
21     foreign key (branch_no) references  
22     branch(branch_no)  
23 );  
24
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

emp_name	salary

employee 2 x

Output

Action Output

#	Time	Action	Message
1	07:17:11	create database library	1 row(s) affected
2	07:17:47	use library	0 row(s) affected
3	07:19:43	create table branch (branch_no int primary key, manager_id int, branch_address varchar(255))	0 row(s) affected
4	07:20:55	create table employee (emp_id int primary key, emp_name varchar(255), position varchar(255), salary decimal(10,2), branch_no int, foreign key (branch_no) references branch(branch_no));	0 row(s) affected



Limit to 1000 rows

```
25
26 • ② create table books (
27     isbn varchar(20) primary key,
28     book_title varchar(255),
29     category varchar(255),
30     rental_price decimal(10,2),
31     status varchar(10),
32     author varchar(255),
33     publisher varchar(255)
34 );
35
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

emp_name	salary
employee 2	10000

employee 2 x

Output

Action Output

#	Time	Action	Message
1	07:17:11	create database library	1 row(s) affected
2	07:17:47	use library	0 row(s) affected
3	07:19:43	create table branch (branch_no int primary key, manager_id int, branch_address varchar(25...)	0 row(s) affected
4	07:20:55	-----	-----



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```
33     publisher varchar(255)
34 );
35
36 • Ⓜ create table customer (
37     customer_id int primary key,
38     customer_name varchar(255),
39     customer_address varchar(255),
40     reg_date date
41 );
42
43
```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
emp_name	salary			

employee 2 ✘

Output

 Action Output

#	Time	Action	Message
1	07:17:11	create database library	1 row(s) affected
2	07:17:47	use library	0 row(s) affected
3	07:19:43	create table branch (branch_no int primary key, manager_id int, branch_address varchar(255), branch_name varchar(255))	0 row(s) affected
4	07:20:00	create table employee (emp_id int primary key, emp_name varchar(255), emp_address varchar(255), emp_salary int)	0 row(s) affected



```
44 • create table issuestatus (
45     issue_id int primary key,
46     issued_cust int,
47     issued_book_name varchar(255),
48     issue_date date,
49     isbn_book varchar(20),
50     foreign key (issued_cust)references
51     customer(customer_id),
52     foreign key (isbn_book) references
53     books(isbn)
54 );
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

emp_name	salary
----------	--------

employee 2 ×

Output

 Action Output

#	Time	Action	Message
5	07:26:42	create table books (isbn varchar(20) primary key, book_title varchar(255), category varchar(...)	0 row(s) affected
6	07:28:43	create table customer (customer_id int primary key, customer_name varchar(255), customer_...	0 row(s) affected
7	07:33:30	create table issuestatus (issue_id int primary key, issued_cust int, issued_book_name varch...	0 row(s) affected
8	07:36:54	-----	-----

```
56 • Ⓜ create table returnstatus (
57     return_id int primary key,
58     return_cust int,
59     return_book_name varchar(255),
60     return_date date,
61     isbn_book2 varchar(20),
62     foreign key (return_cust) references
63     customer(customer_id),
64     foreign key (isbn_book2) references
65     books(Isbn)
66 );
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

emp_name	salary
----------	--------

employee 2

Output

Action Output

#	Time	Action	Message
5	07:26:42	create table books (isbn varchar(20) primary key, book_title varchar(255), category varchar(...)	0 row(s) affected
6	07:28:43	create table customer (customer_id int primary key, customer_name varchar(255), customer_...	0 row(s) affected
7	07:33:30	create table issuestatus (issue_id int primary key, issued_cust int, issued_book_name varch...	0 row(s) affected
8	07:36:54	-----	-----



```
66      );
67
68      -- retrieve queries
69 •  select book_title, category,
70      rental_price from books where status
71      ='yes';
72
73 •  select emp_name,salary from
74      employee order by salary desc;
75
76
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

emp_name	salary
employee 2	20000

employee 2 

Output

Action Output

#	Time	Action	Message
5	07:26:42	create table books (isbn varchar(20) primary key, book_title varchar(255), category varchar(...)	0 row(s) affected
6	07:28:43	create table customer (customer_id int primary key, customer_name varchar(255), customer_...	0 row(s) affected
7	07:33:30	create table issuestatus (issue_id int primary key, issued_cust int, issued_book_name varch...	0 row(s) affected
8	07:36:51	-----	-----



```
73 • select emp_name,salary from  
employee order by salary desc;  
75  
76 • select book_title,customer_name  
from books  
78 join issuestatus on books.isbn=  
79 issuestatus.isbn_book  
80 join customer on issuestatus.issued_cust=  
81 customer.customer_id;  
82  
83 • select category,count(*)
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



emp_name	position
----------	----------

employee 6 x

Output

Action Output

#	Time	Action
21	08:24:49	select category from books group by category LIMIT 0, 1000
22	08:26:26	select category,count(*) from books group by category LIMIT 0, 1000
23	08:28:51	select emp_name,position from employee where salary>50000 LIMIT 0, 1000

Message

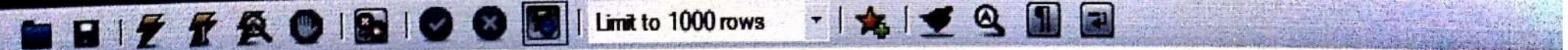
0 row(s) returned

0 row(s) returned

0 row(s) returned



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```
81     customer.customer_id;  
82  
83 • select category,count(*)  
84   from books  
85   group by category;  
86  
87 • select emp_name,position  
88   from employee  
89   where salary>50000;  
90  
91
```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	emp_name	position		

employee 6 x

Output

Action Output

#	Time	Action	Message
21	08:24:49	select category from books group by category LIMIT 0, 1000	0 row(s) returned
22	08:26:26	select category,count(*) from books group by category LIMIT 0, 1000	0 row(s) returned
23	08:28:51	select emp_name,position from employee where salary>50000 LIMIT 0, 1000	0 row(s) returned





Limit to 1000 rows

```
86
87 • select emp_name,position
88   from employee
89   where salary>50000;
90
91 • select customer_name
92   from customer
93   where reg_date<'2022-01-01'
94   and customer_id not in (select
95     issued_cust from issuestatus);
96
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

customer_name
customer 7

customer 7

Output

Action Output

#	Time	Action	Message
22	08:26:26	select category,count(*) from books group by category LIMIT 0, 1000	0 row(s) returned
23	08:28:51	select emp_name,position from employee where salary>50000 LIMIT 0, 1000	0 row(s) returned
24	08:31:31	select customer_name from customer where reg_date<'2022-01-01' and customer_id not in (s...	0 row(s) returned



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File Edit View Insert Tools Help

SQL File 1

Limit to 1000 rows

```
93     where reg_date<'2022-01-01'  
94     and customer_id not in (select  
95         issued_cust from issuestatus);  
96  
97 • select branch_no,count(*)  
98     from employee  
99     group by branch_no;  
100  
101  
102
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

branch_no	count(*)
-----------	----------

Result 8

Output

Action Output

#	Time	Action	Message
✓	23 08:28:51	select emp_name,position from employee where salary>50000 LIMIT 0,1000	0 row(s) returned
✓	24 08:31:31	select customer_name from customer where reg_date<'2022-01-01' and customer_id not in (s...)	0 row(s) returned
✓	25 08:32:41	select branch_no,count(*) from employee group by branch_no LIMIT 0,1000	0 row(s) returned



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```
98     from employee  
99     group by branch_no;  
100  
101 • select customer_name  
102     from customer  
103     join issuestatus on customer.customer_id  
104     =issuestatus.issued_cust  
105     where month(issue_date)=6 and  
106     year(issue_date)=2023;  
107
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

customer_name

Result 9

Output

Action Output

#	Time	Action	Message
24	08:31:31	select customer_name from customer where reg_date<'2022-01-01' and customer_id not in (s... 0 row(s) returned	
25	08:32:41	select branch_no,count(*) from employee group by branch_no LIMIT 0, 1000 0 row(s) returned	
26	08:35:11	select customer_name from customer join issuestatus on customer.customer_id =issuestatus.i... 0 row(s) returned	



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Limit to 1000 rows

```
106     year(issue_date)=2023;  
107  
108 • select book_title  
109     from books  
110     where book_title like '%history%';  
111  
112 • select branch_no,count(*)  
113     from employee  
114     group by branch_no  
115     having count(*)>5;  
116
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

branch_no	count(*)
-----------	----------

Result 11

Output

Action Output

#	Time	Action	Message
✓	26 08:35:11	select customer_name from customer join issuestatus on customer.customer_id =issuestatus.i...	0 row(s) returned
✓	27 08:36:45	select book_title from books where book_title like '%history%' LIMIT 0, 1000	0 row(s) returned
✓	28 08:38:10	select branch_no,count(*) from employee group by branch_no having count(*)>5 LIMIT 0, 10...	0 row(s) returned



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```
112 • select branch_no,count(*)  
113   from employee  
114   group by branch_no  
115   having count(*)>5;  
116  
117 • select emp_name,branch_address  
118   from employee  
119   join branch on employee.branch_no=  
120   branch.branch_no  
121   where position='manager';  
122
```

| Result Grid | Filter Rows: | Export: | Wrap Cell Content:

customer_name

Result 13 X

Output

Action Output

#	Time	Action	Message
✓	29 08:41:30	select emp_name,branch_address from employee join branch on employee.branch_no= bran...	0 row(s) returned
✗	30 08:43:04	select cutomer_name from cutomer join issuestatus on customer.customer_id =issuestatus.is...	Error Code: 1146. Table 'library.cutomer' doesn't exist
✓	31 08:43:28	select customer_name from customer join issuestatus on customer.customer_id =issuestatus...	0 row(s) returned



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```
121     where position='manager';  
122  
123 •  select customer_name  
124   from customer  
125   join issuestatus on customer.customer_id  
126 =issuestatus.issued_cust  
127   join books on issuestatus.isbn_book=  
128   books.isbn  
129   where rental_price>25;  
130  
131
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

customer_name

Result 13 ×

Output:

 Action Output

#	Time	Action	Message
✓	29 08:41:30	select emp_name,branch_address from employee join branch on employee.branch_no=bran...	0 row(s) returned
✗	30 08:43:04	select cutomer_name from cutomer join issuestatus on customer.customer_id =issuestatus.is...	Error Code: 1146. Table 'library.cutomer' doesn't exist
✓	31 08:43:28	select customer_name from customer join issuestatus on customer.customer_id =issuestatus...	0 row(s) returned