

JAYSHREE SHUKLA

21229CMP008

B.Sc. honours. CS

DBMS practical

```

import mysql.connector
mydb=mysql.connector.connect(host='localhost',
                             user='root',
                             password='jayshreesql',
                             database='exam')

#print("successful")
cur=mydb.cursor()
#print("successful")
#s="CREATE DATABASE exam"
#s="CREATE TABLE book(name varchar(250),price int,quantity int)"
#s="INSERT INTO book(name,price,quantity) VALUES ('Java',400,10)"
#s="INSERT INTO book(name,price,quantity) VALUES (%s,%s,%s)"
#data= ('PHP',250,20), ('Python',300,7)
s="DELETE FROM book WHERE name='PHP'"
cur.execute(s)
mydb.commit()
mydb.close()

```

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

db1

Tables

Views

Stored Procedures

Functions

exam

Tables

book

Views

Stored Procedures

Functions

sys

Tables

Views

Stored Procedures

Functions

temp

Tables

emp

Columns

emp_no

name

sal

Administration Schemas

Query 1 x

Limit to 1000 rows

1 use exam;

2 SELECT * FROM book;

Result Grid

name	price	quantity
Java	400	10
Python	300	7

Exports

Wrap Cell Contents

SQLAdditions

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

Read Only Context Help Snippets

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Filter objects

- db1
- exam
- sys
- temp
 - Tables
 - emp
 - Columns
 - Indexes
 - Foreign Keys
 - Triggers
 - te
 - Columns
 - col1
 - col2
 - col3
 - Indexes
 - Foreign Keys
 - Triggers
 - Views
 - Stored Procedures
 - Functions

Administration Schemas

Information

Table: te

Columns:

- col1 int
- col2 varchar(250)
- col3 date

```
3
4 SELECT NAME, SUM(sal) FROM emp
5 GROUP BY NAME;
6
7 SELECT name, age, count(sal)
8 FROM emp
9 where sal>30000
10 group by name, age
11 having age>30
12 order by name desc;
13
14
```

Result Grid

name	age	count(sal)
Mohan	33	1
Isha	31	1
Chetan	32	1
Amit	35	1

Result 5 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
4	15:55:13	select * from emp LIMIT 0, 1000	10 row(s) returned	0.016 sec / 0.000 sec
5	15:56:31	SELECT NAME, SUM(sal) FROM emp GROUP BY NAME LIMIT 0, 1000	10 row(s) returned	0.016 sec / 0.000 sec
6	15:58:25	SELECT name, age, sal FROM emp where sal>30000 group by name having age>30 order by name desc LIMIT 0, 1000	Error Code: 1055. Expression #2 of SELECT list is not in GROUP BY clause and contains nonaggregated column 'emp.sal' which is not functionally dependent on the group by clause.	0.016 sec
7	15:58:40	SELECT name, age, sal FROM emp where sal>30000 group by name, age having age>30 order by name desc LIMIT 0, 1000	Error Code: 1055. Expression #3 of SELECT list is not in GROUP BY clause and contains nonaggregated column 'emp.sal' which is not functionally dependent on the group by clause.	0.000 sec

Local instance MySQL80 x

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Administration Schemas

Information

Query 1 x

```
6
7 SELECT name, age, count(sal)
8 FROM emp
9 where sal>30000
10 group by name, age
11 having age>30
12 order by name desc;
13
14 select name, age
15 from emp
16 where (sal between 20000 and 60000) and (age in (25,26,27,28,29,30)) and (name LIKE "A%");
17
```

Result Grid

name	age
Aarav	25
Anjali	28

emp 6 x

SQLAdditions

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