

Create table student with attributes sid,sname,course,sem

The screenshot shows the PaizaCloud MySQL Online interface. The code editor contains the following SQL statements:

```
1 create table student(sid int,sname varchar(20),course varchar(20),sem int);
2 desc student;
3
4
```

The 'Run' button has been clicked, and the output shows the table structure:

Field	Type	Null	Key	Default	Extra
sid	int	YES		NULL	
sname	varchar(20)	YES		NULL	
course	varchar(20)	YES		NULL	
sem	int	YES		NULL	

The execution time is 1.48 sec. At the bottom, there is a banner for PaizaCloud and a link to the 'paiza Learning School Free Pass' application.

Create table book with attribute bid bname author

The screenshot shows the PaizaCloud MySQL Online interface. The code editor contains the following SQL statements:

```
1 create table student(sid int,sname varchar(20),course varchar(20),sem int);
2 create table book(bid int,bname varchar(20),author varchar(20));
3 desc book;
4
5
```

The 'Run' button has been clicked, and the output shows the table structure:

Field	Type	Null	Key	Default	Extra
bid	int	YES		NULL	
bname	varchar(20)	YES		NULL	
author	varchar(20)	YES		NULL	

The execution time is 1.50 sec. At the bottom, there is a banner for PaizaCloud and a link to the 'paiza Learning School Free Pass' application.

Create a table issue with attribute bid,sid,issuedate

paiza.io MySQL Online

```
1 create table student(sid int,sname varchar(20),course varchar(20),sem int);
2 create table book(bid int,bname varchar(20),author varchar(20));
3 create table issue(bid int,sid int,issuedate date);
4 desc issue;
5
6
```

Field	Type	Null	Key	Default	Extra
bid	int	YES		NULL	
sid	int	YES		NULL	
issuedate	date	YES		NULL	

Display the name of the books issued on 31-oct-15

```
3 create table issue(bid int,sid int,issuedate date);
4 insert into student values(1,'Arjun','MCA',0);
5 insert into student values(2,'Riya','MBA',0);
6 insert into student values(3,'Rohan','MSC CS',3);
7 insert into student values(4,'Reepa','BITCH',1);
8 insert into book values(101,'java','sankar');
9 insert into book values(102,'fundamentals of c','sekar');
10 insert into book values(103,'C++','Narayan');
11 insert into issue values(101,1,'2015-10-31');
12 insert into issue values(103,4,'2015-5-22');
13 insert into issue values(102,3,'2015-8-1');
14 insert into issue values(103,4,'2015-11-17');
15 SELECT bname
16 FROM book
17 WHERE issue.bid=book.bid and issuedate='2015-10-31';
```

bname
java

Find the details of student who took the book java

MySQL Online editor and console

paiza.io/projects/KfmhVYuDhIMa551715yWg?language=mysql

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MySQL Enter a title here

Main.sql

```
4 insert into student values(1,'Arjun','MCA',2);
5 insert into student values(2,'Riya','MBA',4);
6 insert into student values(3,'Rohan','MSC CS',3);
7 insert into student values(4,'Reepa','BTCH',1);
8 insert into book values(101,'java','sankar');
9 insert into book values(102,'fundamentals of c','sekar');
10 insert into book values(103,'C++','Narayan');
11 insert into issue values(101,1,'2015-10-31');
12 insert into issue values(103,4,'2015-5-22');
13 insert into issue values(102,3,'2015-8-1');
14 insert into issue values(103,1,'2015-11-17');
15 SELECT *
16 FROM student
17 INNER JOIN issue
18 ON student.
19 issuedate local
```

Run (Ctrl-Enter) MySQL books

Output Input Comments (1.51 sec)

sid	sname	course	sem	bid	sid	issuedate
1	Arjun	MCA	2	101	1	2015-10-31

PaizaCloud

Find out the name of 4th sem student who took atleast one book

MySQL Online editor and console

paiza.io/projects/KfmhVYuDhIMa551715yWg?language=mysql

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MySQL Enter a title here

Main.sql

```
1 create table student(sid int,sname varchar(20),course varchar(20),sem int);
2 create table book(bid int,bname varchar(20),author varchar(20));
3 create table issue(bid int,sid int,issuedate date);
4 insert into student values(1,'Arjun','MCA',2);
5 insert into student values(2,'Riya','MBA',4);
6 insert into student values(3,'Rohan','MSC CS',3);
7 insert into student values(4,'Reepa','BTCH',1);
8 insert into book values(101,'java','sankar');
9 insert into book values(102,'fundamentals of c','sekar');
10 insert into book values(103,'C++','Narayan');
11 insert into issue values(101,1,'2015-10-31');
12 insert into issue values(103,4,'2015-5-22');
13 insert into issue values(102,3,'2015-8-1');
14 insert into issue values(103,1,'2015-11-17');
15 select sname from student
16 inner join issue on student.sid=issue.sid where sem=4
```

Run (Ctrl-Enter) MySQL books

Output Input Comments (1.48 sec)

sname
Riya

PaizaCloud

Display the name of book issued to REEPA

paiza.io MySQL Online

Enter a title here

Main.sql

```
1 create table student(sid int,sname varchar(20),course varchar(20),sem int);
2 create table book(bid int,bname varchar(20),author varchar(20));
3 create table issue(issueid int,sid int,issuedate date);
4 insert into student values(1,'Arjun','MCA',2);
5 insert into student values(2,'Riya','MBA',4);
6 insert into student values(3,'Rohan','MSC CS',3);
7 insert into student values(4,'Reepa','BITCH',1);
8 insert into book values(101,'java','sankar');
9 insert into book values(102,'fundamentals of c','sekar');
10 insert into book values(103,'C++','Narayan');
11 insert into issue values(101,1,'2015-10-31');
12 insert into issue values(103,4,'2015-5-22');
13 insert into issue values(102,3,'2015-8-1');
14 insert into issue values(103,2,'2015-11-17');
15 select bname from book
16 inner join issue on book.bid=issue.bid where sid=1
```

Run (Ctrl-Enter) MySQL books

Output Input Comments (1.50 sec)

bname
C++

PaizaCloud

Display the name of student who took the book written by 'Peter'

paiza.io MySQL Online

Enter a title here

Main.sql

```
3 create table issue(issueid int,sid int,issuedate date);
4 insert into student values(1,'Arjun','MCA',2);
5 insert into student values(2,'Riya','MBA',4);
6 insert into student values(3,'Rohan','MSC CS',3);
7 insert into student values(4,'Reepa','BITCH',1);
8 insert into book values(101,'java','sankar');
9 insert into book values(102,'fundamentals of c','Peter');
10 insert into book values(103,'C++','Narayan');
11 insert into issue values(101,1,'2015-10-31');
12 insert into issue values(103,4,'2015-5-22');
13 insert into issue values(102,3,'2015-8-1');
14 insert into issue values(103,2,'2015-11-17');
15 select student.sname from student
16 inner join issue
17 inner join book on issue.bid=book.bid
18 where book.author='Peter'
```

Run (Ctrl-Enter) MySQL books

Output Input Comments (1.40 sec)

sname
Rohan

PaizaCloud