Assignment Project Exam Help

https://powcoder.com

Structer Course Language

- Practice Queries -

CS430/630 Lecture 5

Example Schema

Sailors

Boats

<u>sid</u>	sname	1	age	bid	nomo	color
22	dustin	Agsigni	nden () Pi	oject Exam I	name Jeln	COIOI
21	lubban	o	555		interlake	red
31	lubber	http	ps://po	wcoder.com	clipper	green
58	rusty	10	35.0			

Add WeChat powcoder Reserves

sid	<u>bid</u>	day
22	101	10/10/96
58	103	11/12/96



"Find names of sailors who've reserved boat #103"

se Exignment Project Exam Help

FROM Sailors S, Reserves R

https://pow.coder.com
WHERE S.sid R.sid AND R.bid=103

Add WeChat powcoder

Sailors

sname rating age

Boats

<u>bid</u>	name	color
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Reserves

sid bid day



"Find names of sailors who've reserved a red boat"

```
SELECT Assignment Project Exam Help
```

FROM Sailors S, Reserves R, Boats B https://powcoder.com/

AND Adol We Chat' powcoder

Sailors

name	rating	age

Boats

<u>bid</u>	name	color
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Reserves

sid bid	day
---------	-----



"Find sailor ids who've reserved a red or a green boat; list each matching sailor id once"

```
SELECT DISTINCT S.sid
```

FROM Sailorsignrecetvergerto Ersam Help

WHERE S.sid=R.sid AND R.bid=B.bid

AND (B.color=red Ok B.color='green');

Add WeChat powcoder

Sailors

sname

roting	0.00
raung	age

Boats

<u>bid</u>	name	color
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Reserves

sid	<u>bid</u>	<u>day</u>
-----	------------	------------



Same query with set operations

FROM Sailors S, Boats B, Reserves R

WHERETESIA B.bid
AND B.color='red'

UNION dd WeChat powcoder

SELECT S.sid

FROM Sailors S, Boats B, Reserves R

WHERE S.sid=R.sid AND R.bid=B.bid
AND B.color='green'



"Find sailor ids who've reserved a red and a green boat"

```
FROM Sailors S, Boats B1, Reserves R1,

ASSIGNMENT Project Exam Help

WHERE S.sid=R1.sid AND R1.bid=B1.bid

AND S.sid RDSid AND B2.color='green')

Add WeChat powcoder
```

Sailors

sname rating age

Boats

<u>bid</u>	name	color
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Reserves

sid bid	day
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Same query with set operations

SEAFSSI Grident Project Exam Help
FROM Sailors S, Boats B, Reserves R
WHERE N. Sid Project Exam Help
WHERE N. Sid Project Exam Help
FROM Sailors S, Boats B, Reserves R
WHERE S.sid R.sid AND R.bid=B.bid
AND B.color='green'



LIKE with escape sequence

```
Assignment Project Exam Help SELECT S.age, S.age-5 AS age1, 2*S.age AS age2 FROM Sailers: S/powcoder.com WHERE S.sname LIKE 'd_!%n' ESCAPE '!'; Add WeChat powcoder
```

