

数据库第三章习题

Subtitle

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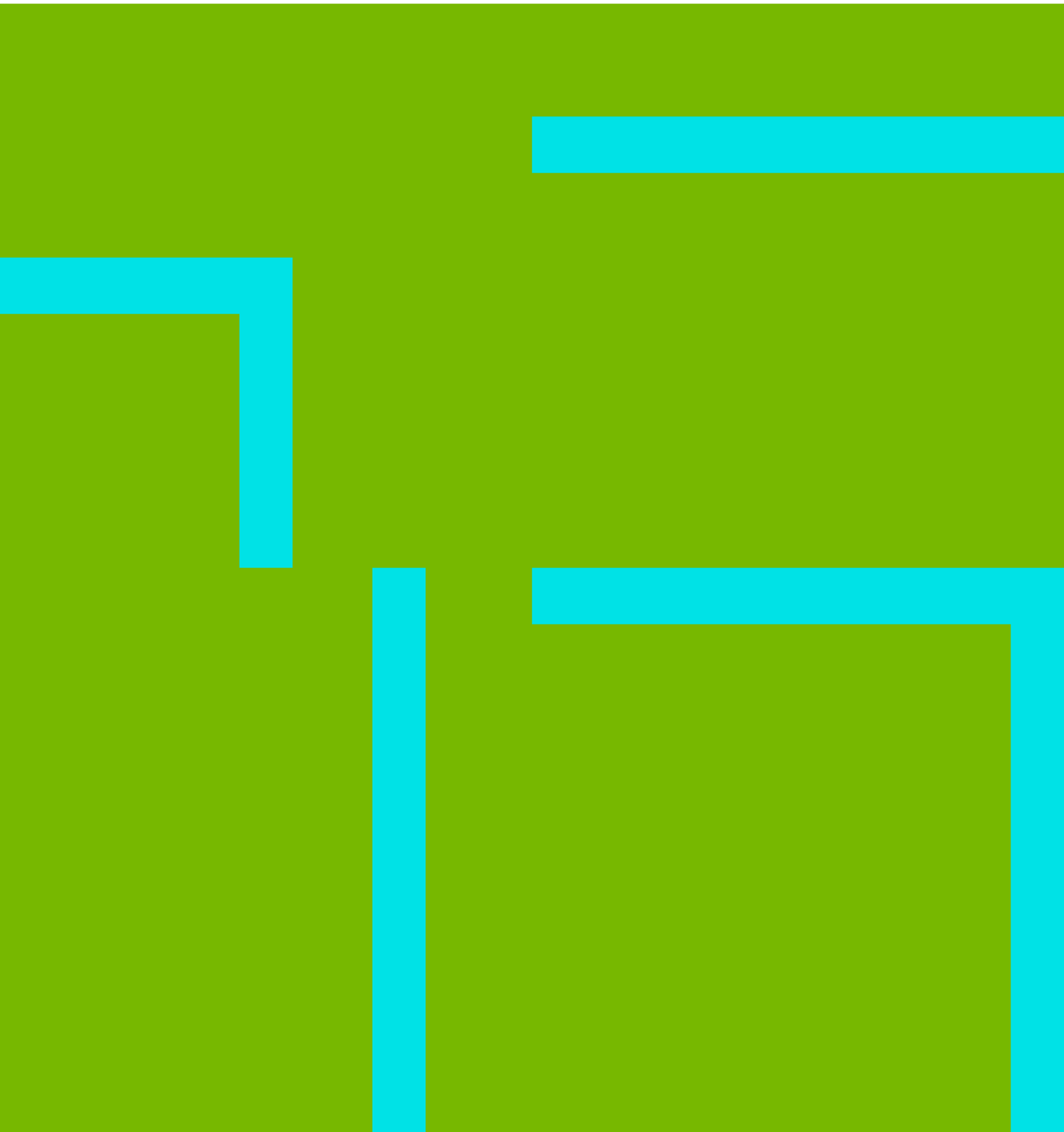


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数据库第三章习题

5. 针对习题3中的四个表试用SQL语言完成以下各项操作：

jno	jname	city	sno	pno	jno	qty
j1	三建	北京	s1	p1	j1	200
j2	一汽	长春	s1	p1	j3	100
j3	弹簧厂	天津	s1	p1	j4	700
j4	造船厂	天津	s1	p2	j2	100
j5	机车厂	唐山	s2	p3	j1	400
j6	无线电厂	常州	s2	p3	j2	200
j7	半导体厂	南京	s2	p3	j4	500

pno	pname	color	weight	sno	sname	sta	city
p1	螺母	红	12	s1	精益	20	天津
p2	螺栓	绿	17				
p3	螺丝刀	蓝	14	s2	盛熙	10	北京
p4	螺丝刀	红	14				
p5	凸轮	蓝	40	s3	东方红	30	北京
p6	齿轮	红	30				
				s4	丰泰盛	20	天津
				s5	为民	30	上海

s2	p3	j5	400
s2	p5	j1	400
s2	p5	j2	100
s3	p1	j1	200
s3	p3	j1	200
s4	p5	j1	100
s4	p6	j3	300
s4	p6	j4	200
s5	p2	j4	100
s5	p3	j1	200
s5	p6	j2	200
s5	p6	j4	500

创建一个数据库进行操作

exp_db.sql

```
CREATE DATABASE ASE exp_db;
CREATE TABLE IF NOT EXISTS spj_s(
    sno CHAR(20),
    sname CHAR(20),
    sta INT(10),
    city CHAR(20),
    PRIMARY KEY(sno)
) ENGINE=MyISAM DEFAULT CHARSET=utf8;

INSERT INTO
```

```
spj_s
(sno,sname,sta,city)
VALUES
('s1','精益',20,'天津'),
('s2','盛熙',10,'北京'),
('s3','东方红',30,'北京'),
('s4','丰泰盛',20,'天津'),
('s5','为民',30,'上海');

CREATE
TABLE
IF NOT
EXISTS
spj_p
(
pno
CHAR(20)
)
PRIMARY KEY,
pname
CHAR(20),
color
CHAR(20),
weight
INT(10)
)ENGINE
=MyISAM
DEFAULT
CHARSET=utf8;

INSERT
INTO
spj_p
(pno,pname,col
```

```
or,weight)
VALUES
('p1','螺母',
红,12),
('p2','螺栓',
绿,17),
('p3','螺丝刀',
蓝,14),
('p4','螺丝刀',
红,14),
('p5','凸轮',
蓝,40),
('p6','齿轮',
红,30);

CREATE
TABLE
IF NOT
EXISTS
spj_j
(
    jno
    CHAR(20)
)
PRIMARY
KEY,
jname
CHAR(20)
),
city
CHAR(20)
)ENGINE
=MyISAM
DEFAULT
CHARSET=utf8;

INSERT
INTO
spj_j
(jno,jname,city)
VALUES
```

```
('j1','三  
建','北  
京'),  
( 'j2','一  
汽','长  
春'),  
( 'j3','弹  
簧厂','天  
津'),  
( 'j4','造  
船厂','天  
津'),  
( 'j5','机  
车厂','唐  
山'),  
( 'j6','无  
线电厂','  
常州'),  
( 'j7','半  
导体厂','  
南京');
```

```
CREATE  
TABLE  
IF NOT  
EXISTS  
spj_spj  
(  
    sno  
    CHAR(20  
) ,  
    pno  
    CHAR(20  
) ,  
    jno  
    CHAR(20  
) ,  
    qty  
    INT(10  
)  
)  
ENGINE  
=MyISA  
M  
DEFAU  
LT  
CHARSE  
T=utf8;  
  
INSERT  
INTO  
spj_spj  
(sno,pno  
,jno,qty)  
VALUES
```



```
('s1','p1',
'j1','200'
),
('s1','p1',
'j3','100'
),
('s1','p1',
'j4','700'
),
('s1','p2',
'j2','100'
),
('s2','p3',
'j1','400'
),
('s2','p3',
'j2','200'
),
('s2','p3',
'j4','500'
),
('s2','p3',
'j5','400'
),
('s2','p5',
'j1','400'
),
('s2','p5',
'j2','100'
),
('s3','p1',
'j1','200'
),
('s3','p3',
'j1','200'
),
('s4','p5',
'j1','100'
),
('s4','p6',
'j3','300'
),
('s4','p6',
'j4','200'
),
('s5','p2',
'j4','100'
),
('s5','p3',
'j1','200'
),
('s5','p6',
'j2','200'
```

```
),  
( 's5','p6'  
, 'j4','500'  
);
```

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