

1.

```
CREATE TABLE CARD (  
  cid CHAR(10) not null UNIQUE,  
  sid CHAR(10) not null,  
  money decimal(10,2),  
  PRIMARY KEY(cid),  
  FOREIGN KEY(sid) REFERENCES STUDENTS ON DELETE CASCADE  
)  
SELECT * from card
```

结果		消息	
cid	sid	money	
查询已成功执行。 (local)\CHONOR (10.0 RTM) DESKTOP-CHONOR\Chonor ... School 00:00:00 0 行			

2.

```
ALTER TABLE CARD ADD bank CHAR(20)  
  
SELECT * from card
```

结果		消息	
cid	sid	money	bank
查询已成功执行。 (local)\CHONOR (10.0 RTM) DESKTOP-CHONOR\Chonor ... School 00:00:00 0 行			

3.

```
ALTER TABLE CARD DROP column bank  
SELECT * from card
```

结果		消息	
cid	sid	money	
查询已成功执行。 (local)\CHONOR (10.0 RTM) DESKTOP-CHONOR\Chonor ... School 00:00:00 0 行			
输出			

4.

```

select TEACHERS.tname,COURSES.cname
from TEACHERS,COURSES,CHOICES
WHERE TEACHERS.tid=CHOICES.tid AND CHOICES.cid=COURSES.cid
AND TEACHERS.salary>=ALL(
SELECT salary
FROM TEACHERS
WHERE salary IS NOT NULL
)

```

结果		消息
	tname	cname
1	qzfezkyu	information system
2	eghgugq	data warehouse
3	xarfdjtd	cryptology
4	eghgugq	digital circuit
5	xarfdjtd	basic

✓ 查询已成功执行。 | (local)\CHONOR (10.0 RTM) | DESKTOP-CHONOR\Chonor ... | School | 00:00:01 | 84 行

5.

```

select cname
from COURSES
where hour=(select hour from COURSES where cname='uml') OR
hour=(select hour from COURSES where cname='c++')

```

结果		消息
	cname	
1	c++	
2	uml	
3	data structure	
4	computer network	
5	asp	
6	struts	
7	c#	

✓ 查询已成功执行。 | (local)\CHONOR (10.0 RTM) | DESKTOP-CHONOR\Chonor ... | School | 00:00:00 | 7 行

6.

```

SELECT sid
FROM CHOICES
WHERE cid IN(
SELECT cid FROM COURSES WHERE COURSES.cname='c++'
)
EXCEPT
SELECT sid
FROM CHOICES
WHERE cid IN(
SELECT cid FROM COURSES WHERE COURSES.cname='database'
)

```

结果		消息
	sid	
1	800042626	
2	800047787	
3	800406681	
4	800962451	
5	801817783	
6	801896423	
7	801955491	
8	802021886	

✓ 查询已成功执行... | (local)\CHONOR (10.0 RTM) | DESKTOP-CHONOR\Chonor ... | School | 00:00:00 | 5596 行

7.

```

SELECT DISTINCT STUDENTS.sid
FROM CHOICES,STUDENTS,COURSES
WHERE CHOICES.cid=COURSES.cid
AND COURSES.cname='database'
AND CHOICES.sid=STUDENTS.sid
AND CHOICES.score>(
SELECT CHOICES.score
FROM CHOICES,STUDENTS,COURSES
WHERE STUDENTS.sname='ruvldjlm'
AND CHOICES.sid=STUDENTS.sid
AND COURSES.cname='database'
AND CHOICES.cid=COURSES.cid
)

```

结果		消息
	sid	
1	807171972	
2	821480217	
3	821925838	
4	838427337	
5	838626877	
6	839258458	
7	839719799	
8	840242537	

✓ 查询已成功执行... | (local)\CHONOR (10.0 RTM) | DESKTOP-CHONOR\Chonor ... | School | 00:00:01 | 1044 行

8.

```

SELECT MAX(CHOICES.score) as maxs,AVG(CHOICES.score) as avgs
From CHOICES,COURSES
WHERE CHOICES.cid = COURSES.cid AND COURSES.cname='database'

```

结果			消息		
	maxs	avgs			
1	99	75			

查询已成功执行。 | (local)\CHONOR (10.0 RTM) | DESKTOP-CHONOR\Chonor ... | School | 00:00:00 | 1 行

9.

```

SELECT STUDENTS.sname
FROM CHOICES,STUDENTS,COURSES
WHERE CHOICES.sid=STUDENTS.sid
AND CHOICES.cid=COURSES.cid
AND COURSES.cname='database'
AND CHOICES.score>=ALL(
SELECT CHOICES.score
FROM CHOICES,COURSES
WHERE COURSES.cname='database'
AND CHOICES.cid=COURSES.cid
AND CHOICES.score IS NOT NULL
)

```

结果			消息		
	sname				
1	idcximvx				
2	fvoamluyy				
3	difmn				
4	ctjzraynm				
5	gudyhapbr				
6	kdlmbai				
7	dmglphmf				
8	bvfualkox				

查询已成功执行。 | (local)\CHONOR (10.0 RTM) | DESKTOP-CHONOR\Chonor ... | School | 00:00:00 | 112 行

10.

```

SELECT sname
FROM STUDENTS
WHERE sname NOT IN(
SELECT STUDENTS.sname
FROM COURSES,STUDENTS,CHOICES
WHERE COURSES.cname='database'
AND CHOICES.cid=COURSES.cid
AND STUDENTS.sid=CHOICES.sid
)

```

	sname
1	waqcj
2	uxqqbkjn
3	zapyv
4	cxjnj
5	mgllxm
6	yahvv
7	zvjteiv
8	vfkmuw

查询已成功执... | (local)\CHONOR (10.0 RTM) | DESKTOP-CHONOR\Chonor ... | School | 00:00:00 | 94242 行

11.

```
SELECT STUDENTS.sname
FROM CHOICES,STUDENTS
WHERE CHOICES.sid = STUDENTS.sid
GROUP BY CHOICES.sid ,STUDENTS.sname
HAVING COUNT(CHOICES.sid)>2
ORDER BY CHOICES.sid
```

	sname
1	gfxrgs
2	vnbqzsvv
3	fiiluommh
4	ogvmu
5	uxqqbkjn
6	rcxailj
7	zapyv
8	zyuoh

查询已成功执... | (local)\CHONOR (10.0 RTM) | DESKTOP-CHONOR\Chonor ... | School | 00:00:00 | 59845 行

12.

```
CREATE VIEW VIEW_SC(sname,cname,score)
AS SELECT
STUDENTS.sname,COURSES.cname,CHOICES.score
FROM CHOICES,COURSES,STUDENTS
WHERE CHOICES.cid = COURSES.cid AND CHOICES.sid= STUDENTS.sid

SELECT * FROM VIEW_SC
```

	sname	cname	score
1	qxkbh	embeded system	92
2	bemgynei	architectonics	77
3	rvgbhmwaw	uml	62
4	hfstwphe	distributed computing	86
5	xwrvffd	j2ee	77
6	imgqv	algorithm	64
7	zvhvhh	virtual system	91
8	pwvpo	information system	91

查询已成功执... | (local)\CHONOR (10.0 RTM) | DESKTOP-CHONOR\Chonor ... | School | 00:00:01 | 299550 行

13.

```
SELECT sname
FROM VIEW_SC
WHERE score>90
```

	sname
1	zapyv
2	tkbzqduq
3	axgrcq
4	axgrcq
5	frroly
6	pgmrkdhh
7	ptqno
8	tongd

查询已成功执... | (local)\CHONOR (10.0 RTM) | DESKTOP-CHONOR\Chonor ... | School | 00:00:00 | 53970 行

14.

```
insert into VIEW_SC values ('test','test','99')
```

消息
消息 4405, 级别 16, 状态 1, 第 1 行 视图或函数 'VIEW_SC' 不可更新, 因为修改会影响多个基表。
查询已完成, 但有... (local)\CHONOR (10.0 RTM) DESKTOP-CHONOR\Chonor ... School 00:00:00 0 行

此时插入全新的数据会影响到多个表比如 STUDENTS,COURSES,CHOICES, 因为他们的主键都不能为null, 而我们没有插入主键, 所以不能插入。

15.

```
GO
CREATE RULE R1 AS @money >0
GO
EXEC sp_bindrule R1,'CARD.[money]'
```



消息

已将规则绑定到表的列。



查询已成功执行。 | (local)\CHONOR (10.0 RTM) | DESKTOP-CHONOR\Chonor ... | School | 00:00:00 | 0 行

16.

```
insert into CARD values ('1000','807171972','-0.1')
```



消息

消息 513, 级别 16, 状态 0, 第 1 行
列的插入或更新与先前的 CREATE RULE 语句所指定的规则发生冲突。该语句已终止。冲突发生于数据库
语句已终止。



查询已完成, 但有... | (local)\CHONOR (10.0 RTM) | DESKTOP-CHONOR\Chonor ... | School | 00:00:00 | 0 行

17.

```
EXEC sp_unbindrule 'CARD.[money]'
```



消息

已解除了表列与规则之间的绑定。



查询已成功执行。 | (local)\CHONOR (10.0 RTM) | DESKTOP-CHONOR\Chonor ... | School | 00:00:00 | 0 行

```
insert into CARD values ('1000','807171972','-0.1')
Select * from CARD
```

结果 消息

	cid	sid	money
1	1000	807171972	-0.10

✓ 查询已成功执行。 | (local)\CHONOR (10.0 RTM) | DESKTOP-CHONOR\Chonor ... | School | 00:00:00 | 1 行

18.

```
go
create trigger T1 on STUDENTS
for delete
as
if (select sid from deleted)='800015960'
begin
print ' delete fail '
Rollback transaction
end
```

消息

命令已成功完成。

✓ 查询已成功执行。 | (local)\CHONOR (10.0 RTM) | DESKTOP-CHONOR\Chonor ... | School | 00:00:00 | 0 行

19.

```
delete from choices where sid='800015960'
delete from STUDENTS where sid='800015960'
```


