1. SELECT SNO, GRADE FROM sc WHERE cno='C2'
2. SELECT SNAME, AGE FROM S WHERE AGE>20
3. SELECT SNAME, GRADE FROM S, SC  
   WHERE S.SNO=SC.SNO AND CNO IN  
    (SELECT cno FROM C  
    WHERE CNAME='DATABASE'  
    )
4. SELECT SNAME, AGE FROM S  
   WHERE SNO NOT IN  
    (SELECT SNO FROM SC  
    WHERE CNO='C2'  
    )
5. SELECT SNAME FROM S  
   WHERE NOT EXISTS  
    (SELECT \* FROM C  
    WHERE NOT EXISTS  
    (SELECT \* FROM SC  
    WHERE SC.SNO=S.SNO AND SC.CNO=C.CNO)  
    )  
    )
6. SELECT SNO FROM SC WHERE CNO='C1'
7. SELECT SNO FROM SC A   
   WHERE CNO='C1'   
    AND SNO IN   
    (SELECT SNO FROM SC  
    WHERE CNO='C2'  
    )   
    AND NOT EXISTS  
    (SELECT \* FROM SC B  
    WHERE B.CNO NOT IN ('C1','C2')   
    AND A.SNO=B.SNO  
    )
8. SELECT CNAME FROM C  
   WHERE CNO IN  
    (SELECT CNO FROM SC  
    GROUP BY CNO  
    HAVING COUNT(\*)>100  
    )
9. SELECT SNAME, AVG\_GRADE  
   FROM student,   
    (SELECT SNO, AVG(GRADE)   
    FROM sc  
    GROUP BY SNO) AS A(SNO, AVG\_GRADE)   
   WHERE STUDENT.sno=A.SNO
10. SELECT SNAME FROM S,C,T,SC

WHERE SC.SNO=S.SNO AND SC.CNO=C.CNO AND

C.TNO=T.TNO AND TNAME=’张抗抗’

1. SELECT SNAME FROM S  
    WHERE NOT EXISTS   
    (SELECT \* FROM C   
    WHERE TNO = (SELECT TNO FROM T  
    WHERE TNAME=’张抗抗’)  
    AND NOT EXISTS  
    (SELECT \* FROM SC  
    WHERE SC.SNO =S.SNO AND  
    SC.CNO=C.CNO  
    )  
    )
2. SELECT SNAME FROM S

WHERE SNO NOT IN

(SELECT SNO FROM SC

WHERE CNO IN

(SELECT CNO FROM C

WHERE TNO IN

(SELECT TNO FROM T

WHERE TNAME=’张抗抗’

)

)

)

1. SELECT SNAME FROM S

WHERE SNO IN

(SELECT SNO FROM SC

WHERE CNO=’C1’)

UNION

SELECT SNAME FROM S

WHERE SNO IN

(SELECT SNO FROM SC

WHERE CNO=’C2’)

1. SELECT SNO FROM S

WHERE NOT EXISTS

(SELECT \* FROM C,T,D

WHERE C.TNO=T.TNO AND T.DNO=D.DNO AND DNO=’CS’

AND NOT EXISTS

(SELECT \* FROM SC

WHERE SC.SNO=S.SNO AND SC.CNO=C.CNO

)

)