1. 查询年龄小于28岁的学生的学号、姓名和出生年月。

select

Sno,

Sname,

Birth

from student

where DATEPART("YYYY",getdate()) - DATEPART("YYYY",Birth) < 28

1. 查询出生年月在1991年1月1日至1991年5月30日之间的学生的学号和姓名。

select

Sno,

Sname

from student

where Birth between '1991-1-1' and '1991-5-30'

1. 从Dorm表中查询宿舍电话Tel目前为空的宿舍的宿舍编号DormNo、楼栋Build、楼层Storey和房间号RoomNo。

select

DormNo,

Build,

Storey,

RoomNo

from Dorm

where Tel is null

1. 查询所属专业为‘计算机应用技术’、‘软件技术’的班级的班级编号、班级名称及入学年份。

select

ClassNo,

ClassName,

Enteryear

from Class

where Specialty in ('计算机应用技术','软件技术')

1. 统计出学校各学院的专业个数。

select

COUNT(distinct Specialty) as '专业个数'

from Class

group by College

1. 统计出学校各学院的各专业的班级个数。

select

College,

Specialty,

COUNT(distinct ClassNo)

from Class

group by College,Specialty

1. 统计各班级学生人数

select

ClassNo,

COUNT(ClassNo)

from Student

group by ClassNo

1. 统计各门课程的选课人数。

select

Cno as '课程编号',

COUNT(Sno)

from Score

group by Cno

1. 统计各门课程学生的平时成绩平均分、期末成绩平均分。

select

AVG(UScore) as '平时成绩平均分',

AVG(EndScore) as '期末成绩平均分'

from Score

group by Cno

1. 查询出课程选课人数超过2人的课程编号。

select

Cno

from Score

group by Cno

having COUNT(Sno) > 2

1. 从CheckHealth表中查询2010年11月份各宿舍的检查成绩的平均值。

select

AVG(Score)

from CheckHealth

group by CheckDate

having datepart("YYYY",CheckDate) = '2010' and datepart("MM",CheckDate) = '11'

1. 从Dorm表中查询出各楼栋的房间数。

select

COUNT(dormNo)

from Dorm

group by build

1. 从Live表中统计各个宿舍的现入住人数。

select

COUNT(Sno)

from Live

group by DormNo

1. 从CheckHealth表中统计各宿舍到目前为止的卫生检查的平均成绩。

select

AVG(Score)

from CheckHealth

group by DormNo

1. 从CheckHealth表中查询出到目前为止的卫生检查平均成绩超过90分的宿舍编号。

select

DormNo

from CheckHealth

group by DormNo

having AVG(Score) > 90

1. 从CheckHealth表中查询宿舍被检查次数超过3次的宿舍编号。

select

DormNo

from CheckHealth

group by DormNo

having COUNT(DormNo) > 3

1. 1.从Dorm表中查询所有男生宿舍（宿舍类别DormType为'男'）的详细信息，结果按照楼栋Build升序排列，楼栋相同的按照宿舍编号DormNo升序排列。

select

\*

from Dorm

where DormType = '男'

order by build asc, DormNo asc

1. 查询课程的平时成绩或期末成绩超过90分的学生的学号和课程编号，查询结果按照学号升序排列，学号相同的按照课程编号升序排列。

select

Sno,

Cno

from Score

where Uscore > 90 or EndScore > 90

order by Sno asc, Cno asc

1. 从CheckHealth表中查询2010年10月卫生检查成绩Score最高的宿舍编号DormNo和检查时间CheckDate。

select

top 1

DormNo,

CheckDate

from CheckHealth

where datepart("YYYY",CheckDate) = '2010' and datepart("MM",CheckDate) = '11'

order by Score desc

1. 查询'数据库技术与应用1'课程学生的选课信息。

select

\*

from Score s

where Cno = (select c.Cno from Course c where c.Cname = '数据库技术与应用')

1. 查询出选修‘0901170’课程且平时成绩低于本课程平时成绩的平均值的学生学号。

select

Sno

from Score

where Cno = '0901170' and Uscore < (

select

AVG(Uscore)

from Score

where Cno = '0901170'

group by Cno)

1. 查询出与'林芳'同班的学生详细信息。

select

\*

from Student

where ClassNo = (select ClassNo from Student where Sname = '林芳')

1. 查询出选修了‘数据库技术与应用1'课程的学生姓名和班级编号。

select

Sname,

ClassNo

from Student

where Sno in (select Sno from Score

where Cno = (select Cno from Course where Cname = '数据库技术与应用'))

1. 查询参加了“0901170”科目考试的学生的学号和姓名。.

select

Sno,

Sname

from Student

where Sno in (select Sno from Score where Cno = '0901170')

1. 查询没有参加“0901170”课程考试的学生的学号、姓名信息。

select

Sno,

Sname

from Student

where Sno not in (select Sno from Score where Cno = '0901170')

1. 查询没有参加“计算机文化基础”课程考试的学生的学号、姓名信息。

select

Sno,

Sname

from Student

where Sno not in (select Sno from Score

where Cno = (select Cno from Course where Cname = '计算机文化基础'))

1. 查询参加了“计算机文化基础”课程考试的学生总人数、期末平均成绩及期末总成绩。

select

COUNT(\*) as '学生总人数',

AVG(EndScore) as '期末平均成绩',

SUM(EndScore) as '期末总成绩'

from Score

where Cno = (select Cno from Course where Cname = '计算机文化基础')

group by Cno

1. 查询各科目的平均分、最高分，并给出详细的课程编号、课程名称等信息。

select

(select Cname from Course cr where cr.Cno = se.Cno) as '课程名称',

AVG(EndScore) as '平均分',

MAX(EndScore) as '最高分'

from Score se

group by Cno

所有：

--1.

select

Sno,

Sname,

Birth

from student

where DATEPART("YYYY",getdate()) - DATEPART("YYYY",Birth) < 28

--2.

select

Sno,

Sname

from student

where Birth between '1991-1-1' and '1991-5-30'

--3.

select

DormNo,

Build,

Storey,

RoomNo

from Dorm

where Tel is null

--4.

select

ClassNo,

ClassName,

Enteryear

from Class

where Specialty in ('计算机应用技术','软件技术')

--5

select

COUNT(distinct Specialty) as '专业个数'

from Class

group by College

--6.

select

College,

Specialty,

COUNT(distinct ClassNo)

from Class

group by College,Specialty

--7.

select

ClassNo,

COUNT(ClassNo)

from Student

group by ClassNo

--8.

select

Cno as '课程编号',

COUNT(Sno)

from Score

group by Cno

--9.

select

AVG(UScore) as '平时成绩平均分',

AVG(EndScore) as '期末成绩平均分'

from Score

group by Cno

--10.

select

Cno

from Score

group by Cno

having COUNT(Sno) > 2

--11.

select

AVG(Score)

from CheckHealth

group by CheckDate

having datepart("YYYY",CheckDate) = '2010' and datepart("MM",CheckDate) = '11'

--12.

select

COUNT(dormNo)

from Dorm

group by build

--13

select

COUNT(Sno)

from Live

group by DormNo

--14.

select

AVG(Score)

from CheckHealth

group by DormNo

--15.

select

DormNo

from CheckHealth

group by DormNo

having AVG(Score) > 90

--16.

select

DormNo

from CheckHealth

group by DormNo

having COUNT(DormNo) > 3

--17.

select

\*

from Dorm

where DormType = '男'

order by build asc, DormNo asc

--18.?

select

Sno,

Cno

from Score

where Uscore > 90 or EndScore > 90

order by Sno asc, Cno asc

--19.

select

top 1

DormNo,

CheckDate

from CheckHealth

where datepart("YYYY",CheckDate) = '2010' and datepart("MM",CheckDate) = '11'

order by Score desc

--20.?

select

\*

from Score s

where Cno = (select c.Cno from Course c where c.Cname = '数据库技术与应用')

--21.?

select

Sno

from Score

where Cno = '0901170' and Uscore < (

select

AVG(Uscore)

from Score

where Cno = '0901170'

group by Cno)

--22.

select

\*

from Student

where ClassNo = (select ClassNo from Student where Sname = '林芳')

--23.

select

Sname,

ClassNo

from Student

where Sno in (select Sno from Score

where Cno = (select Cno from Course where Cname = '数据库技术与应用'))

--24.

select

Sno,

Sname

from Student

where Sno in (select Sno from Score where Cno = '0901170')

--25

select

Sno,

Sname

from Student

where Sno not in (select Sno from Score where Cno = '0901170')

--26.

select

Sno,

Sname

from Student

where Sno not in (select Sno from Score

where Cno = (select Cno from Course where Cname = '计算机文化基础'))

--27.

select

COUNT(\*) as '学生总人数',

AVG(EndScore) as '期末平均成绩',

SUM(EndScore) as '期末总成绩'

from Score

where Cno = (select Cno from Course where Cname = '计算机文化基础')

group by Cno

--28.

select

(select Cname from Course cr where cr.Cno = se.Cno) as '课程名称',

AVG(EndScore) as '平均分',

MAX(EndScore) as '最高分'

from Score se

group by Cno