Anderson Guse

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SQL

Due January 26, 2017

SQL Code for Assignment 3 Queries

1. select FirstName, LastName

from Students

order by LastName

1. select ID, FirstName, LastName, GPA

from Students

order by GPA desc

1. select ID, FirstName, LastName, GPA

from Students

order by GPA

1. select \*

from Instructors

order by ID

1. select \*

from Sections

order by RoomNo

1. select \*

from Courses

order by CreditHours

1. select \*

from Students

order by State, LastName

1. select ID, FirstName, LastName

from Students

order by GPA

1. select avg(GPA)

from Students

1. select count(FirstName)

from Students

where State = 'IL'

1. select sum(CreditHours)

from Courses

where CourseID in ('CIST 1001', 'CIST 1122', 'CIST 1130')

1. select count(\*)

from (select distinct CourseID from Sections where Instructor = 3)

1. select RoomNo, count(RoomNo)

from Sections

group by RoomNo

1. select CourseID, count(CourseID)

from Sections

group by CourseID

1. select CourseID

from Sections

group by CourseID

having count(CRN) = 1

1. select State, avg(GPA)

from Students

group by State

1. select State, avg(GPA)

from Students

group by State

having avg(GPA) > 3.0

1. select count(\*), Instructor

from Sections

group by Instructor

1. select CreditHours, count(CreditHours)

from Courses

group by CreditHours

having CreditHours = 3

or CreditHours = 7

1. select State, count(State)

from Instructors

group by State

1. select State, count(State)

from Instructors

group by State

having count(State) >= 3

1. select State, count(State)

from Students

group by State

1. select State, count(State)

from Students

group by State

having count(State) >= 2

1. select CRN, count(StudentID)

from StudentSchedule

group by CRN

1. select CRN

from StudentSchedule

group by CRN

having count(StudentID) < 3