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1.
INSERT INTO Professor
(professorID, firstName, lastName, streetAddress, city, state, zip, phone,
hireDate)
VALUES
(9999, 'Waldo', 'Wildcat', '1234 Stewart Stadium Way', 'Ogden', 'UT',
'84408', NULL, sysdate);
2.
INSERT INTO Sections
(sectionID, courseID, sectionStartDate, locationID, professorID, capacity)
VALUES
(20232012345, 10521, To_Date('Jan 11 2023 09:30 AM','Mon DD YYYY HH:MI
AM'), 8194, 9999, '30');
3.
INSERT INTO Registration
(studentID, sectionID, registrationDate, finalClassGrade)
VALUES
(2551, 20232012345, sysdate, NULL);

INSERT INTO Registration
(studentID, sectionID, registrationDate, finalClassGrade)
VALUES
(1664, 20232012345, sysdate, NULL);

INSERT INTO Registration
(studentID, sectionID, registrationDate, finalClassGrade)
VALUES
(4252, 20232012345, sysdate, NULL);

INSERT INTO Registration
(studentID, sectionID, registrationDate, finalClassGrade)
VALUES
(3564, 20232012345, sysdate, NULL);

INSERT INTO Registration
(studentID, sectionID, registrationDate, finalClassGrade)
VALUES
(2474, 20232012345, sysdate, NULL);

INSERT INTO Registration
(studentID, sectionID, registrationDate, finalClassGrade)
VALUES
(3954, 20232012345, sysdate, NULL);

INSERT INTO Registration
(studentID, sectionID, registrationDate, finalClassGrade)
VALUES
(3743, 20232012345, sysdate, NULL);

INSERT INTO Registration
(studentID, sectionID, registrationDate, finalClassGrade)
VALUES
(2024, 20232012345, sysdate, NULL);
4.

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INSERT INTO Registration
(studentID, sectionID, registrationDate, finalClassGrade)
(SELECT studentID, '12004', sysdate, NULL
FROM students
WHERE city = 'Aberdeen'
AND state = 'ID');
5.
UPDATE Professor
SET phone = 8016267025
WHERE professorID = 9999;
6.
UPDATE students
SET tuitionbalance = 0
WHERE studentID IN (
SELECT studentID
FROM students
WHERE state = 'WY'
AND city = 'Cody');
7.
UPDATE sections
SET capacity = 50
WHERE courseID IN (
SELECT courseID
FROM courses
WHERE subjectcode = 'CS'
AND courseNumber = '2550');
8.
SELECT firstname, lastname, NVL(numsec, 0) as numsections
FROM
(select firstname, lastname, count(*) as numsec
from students s
inner join registration r
on r.studentID = s.studentID
inner join sections s
on s.sectionID = r.sectionID
WHERE city = 'Rawlins'
AND state = 'WY'
group by firstname, lastname)
Order by lastname, firstname;
9.
SELECT DISTINCT firstname, lastname, phone
FROM professor p
INNER JOIN sections s
ON p.professorID = s.professorID
WHERE courseID = 10521
ORDER BY lastname, firstname;
10. ~
SELECT courseID, s.sectionID, building as BU, room, count(*) as
Numstudents
FROM sections s
INNER JOIN location l
ON s.locationID = l.locationID
INNER JOIN registration r
ON s.sectionID = r.sectionID

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INNER JOIN students s
ON r.studentID = s.studentID
INNER JOIN (SELECT studentID, count(*) as Numstudents
FROM students) t1
ON t1.studentID = s.studentID
WHERE courseID = 10521
AND building = 'TE'
group by courseID, s.sectionID, building, room
ORDER BY numstudents desc
11.
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12.