Tut 7 answer

1. Answer

   a. SELECT * FROM course WHERE CourseID LIKE "ISM%"

   b. SELECT * FROM COURSE
        INNER JOIN QUALIFIED ON COURSE.CourseID = QUALIFIED.CourseID
        INNER JOIN FACULTY ON FACULTY.FacultyID = QUALIFIED.FacultyID
        WHERE FACULTY.FacultyName = "Berndt"

   c. SELECT * FROM faculty f
        INNER JOIN qualified q ON c.CourseID = q.CourseID
        WHERE q.CourseID = 'ISM 3113'

   d. SELECT * FROM faculty f
        INNER JOIN qualified q ON c.CourseID = q.CourseID
        WHERE q.CourseID = 'ISM 3113' AND g.CourseID != 'ISM 4930'

   e.
      (1) SELECT COUNT(StudentID) FROM registration WHERE SectionNo = 2714 AND Semester = '1-2018'

      (2) SELECT COUNT(StudentID) FROM registration r
              INNER JOIN section s ON r.SectionNo = s.SectionNo
        WHERE s.CourseID = 'ISM-3113' AND r.Semester = 'I-2018'

   f. SELECT * FROM student s
        LEFT JOIN registration r ON s.StudentID = r.StudentID
        INNER JOIN section sec ON r.SectionNo = sec.SectionNo
      WHERE r.SectionNo IS NULL

2. Answer

a. ALTER TABLE Student ADD COLUMN `Math Score` FLOAT(2) NOT NULL

b. SELECT COUNT(TUTOR_ID) AS NUMTSTOP FROM TUTOR WHERE STATUS = 'Temp Stop';

SELECT TUTOR_ID FROM TUTOR WHERE STATUS = 'Active';

c. (First way) SELECT * FROM TUTOR WHERE CERT_DATE BETWEEN '1/1/2008' AND '1/31/2008';

(Second way) SELECT * FROM TUTOR WHERE MONTH(CERT_DATE) = 1 AND YEAR(CERT_DATE) = 2008

d. SELECT COUNT(STUDENT_ID) FROM MATCH_HISTORY WHERE START_DATE BETWEEN '01-JAN-2008' AND '31-MAY-2008';

e. SELECT READ, STUDENT_ID
FROM STUDENT ORDER BY
READ DESC;

SELECT STUDENT_ID, MAX(READ) FROM STUDENT.