

# ISYS 464, Section 1Beckman)

## Homework #3: Solution

### Chapter 5, textbook page 233, “Problems and Exercises, #11”

(5 points)

11. What options are available for controlling data integrity at the field level?

**SOLUTION:**

- a. Specify default values.
- b. Specify a range or list of permissible values.
- c. Set null value permissions.
- d. Establish referential integrity.

### Chapter 6, textbook page 284, “Problems and Exercises, #4b and 7a”.

(5 points)

4b. How would you remove the REGISTRATION table?

**SOLUTION:**

DROP TABLE Registration;

7a. How many students are enrolled in section 2714 in the first semester of 2008 ('I-2008')?

**SOLUTION:**

```
SELECT COUNT(*)  
  FROM Registration  
 WHERE Section = 2714  
    AND Semester = 'I-2008';
```

**Chapter 7, textbook page 331, “Problems and Exercises, #1c”.**

(5 points)

1c. Display the class roster, including student name, for all students enrolled in section 2714 of ISM 4212.

**SOLUTION:**

```
SELECT Student.StudentID, StudentName,  
       Section.CourseID, Registration.SectionNo, Registration.Semester  
FROM Student, Registration, Section  
WHERE Section.SectionNo= Registration.SectionNo  
AND Student.StudentID= Registration.StudentID  
AND Registration.SectionNo=2714  
ORDER BY StudentName;
```