Student Registration Database – Assignment

STUDENT (**StudentID**, StudentName)

StudentID	StudentName
38214	Letersky
54907	Altvater
66324	Aiken
70542	Marra
...	

QUALIFIED (**FacultyID**, **CourseID**, DateQualified)

FacultyID	**CourseID**	DateQualified
2143	ISM 3112	9/1988
2143	ISM 3113	9/1988
3467	ISM 4212	9/1995
3467	ISM 4930	9/1996
4756	ISM 3113	9/1991
4756	ISM 3112	9/1991
...		

FACULTY (**FacultyID**, FacultyName)

FacultyID	FacultyName
2143	Birkin
3467	Berndt
4756	Collins
...	

SECTION (**SectionNo**, **Semester**, CourseID)

SectionNo	**Semester**	CourseID
2712	I-2008	ISM 3113
2713	I-2008	ISM 3113
2714	I-2008	ISM 4212
2715	I-2008	ISM 4930
...		

COURSE (**CourseID**, CourseName)

CourseID	CourseName
ISM 3113	Syst Analysis
ISM 3112	Syst Design
ISM 4212	Database
ISM 4930	Networking
...	

REGISTRATION (**StudentID**, **SectionNo**, **Semester**)

StudentID	**SectionNo**	**Semester**
38214	2714	I-2008
54907	2714	I-2008
54907	2715	I-2008
66324	2713	I-2008
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1. Write a database description for each of the relations shown above, using SQL DDL. Assume the following attribute data types:
   StudentID (integer, primary key)
   StudentName (25 characters)
   FacultyID (integer, primary key)
   FacultyName (25 characters)
   CourseID (8 characters, primary key)
   CourseName (15 characters)
   DateQualified (date)
   SectionNo (integer, primary key)
   Semester (7 characters)

2. Write SQL commands to populate the tables with the data shown above using the INSERT command. The syntax is straightforward: INSERT INTO *tablename* VALUES(*int*, '*string*'); Example: INSERT INTO Student VALUES(38214, 'Letersky');