

Database Management System  
Problem Set #1

1. Problem No. 1:

- a. Many-to-many: A student can have multiple enrollments, and an enrollment can have one and only one course.
- b. Zero-to-many: A book can have zero or many copies. A copy can belong to one & only one book.
- c. One-to-many: A Course can have 1 or many sections. A section can belong to one & only one course.
- d. One-to-many: A section can be assigned to one and only one room, and a room can be assigned to many sections each section at a different time.
- e. Many-to-many: An instructor can have 1 to many offerings, and an offering can have one and only one course.

