**Week 4 Sample Questions**

**Q1**

**Problem Description**

*A student can register on a number of modules in CIT.*

*Each module can be taken by any number of students.*

*The following details need to be recorded for a student : name, number and email Address.*

*The following details are recorded for a module. Module code, module name , and module description.*

*A Module may be offered a number of times such as semester 1 and semester 2*

*Some modules have never been offered.*

*It a requirement from a billing perspective to keep track of the date a particular student registers for a module.*

*It is also a requirement that a student may need to register for the same module a number of times because they fail. A student wishes to be able to get a list of all students currently taking a particular module.( in case they need to contact them about assigned work).*

**Question**

Develop a Domain module to capture the information specified above and to allow for the requirements outlined to be satisfied.