

# **ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)**

## **ORGANISATION OF ISLAMIC COOPERATION (OIC)**

### **Department of Computer Science and Engineering (CSE)**

#### **Course: 4108, Lab Task 9-1a**

**Prepared By – Talha Ibn Aziz (Lecturer, CSE)**

Create a structure to hold the information of a student. Assume that the student is enrolled for B.Sc. programme in IUT (Islamic University of Technology). The student will have the following information (the type of data is written in brackets):

Name (character)  
Student ID (number)  
Date of Birth (date)  
Address (address)  
Department (number/character)  
CGPA (real number)  
Room mate (student)

Each student can have upto 3 roommates and any change done to the information of a student will remain consistent in all data. Consistent means there will be no conflicting data in any of the students information. Create structures as per requirement, however, do not use any information that is not mentioned in the above data-format. Take the information for each student as input from console or initialize as you see fit.