

**TMD274/TSE3024 – OBJECT ORIENTED SYSTEMS ANALYSIS AND DESIGN  
ASSIGNMENT 1**

1. Why is it important to use object-oriented analysis and design methodologies when building a system? Why not just build the system in whatever way seems to be quick and easy ? what value is provided by using an engineering approach ?
2. Describe your college as a system. What is the input ? The output ? The boundary ? The components? Their relationships ? the constraints? The purpose? The interfaces? The environment?
3. What are the similarities between construction of a house and the development of an information system ? What are the differences?
4. If someone at a party asked you what a systems analyst is and why anyone would want to be one, what would you say?

**Based on the 4 questions above :**

- i. All of the student with the ID number ends with odd number, answer question number 1 and 3.
- ii. All of the student with the ID number ends with event number, answer question number 2 and 4.
- iii. **Answer all the question yourself**, if there are any copy and paste among you, **penalty** will be given.

**DATE OF SUBMISSION : 10 AUGUST 2010 (TUESDAY)  
BEFORE 5 PM**