

## Ceng 241 Lab Work 9

### **Inheritance II:** Understanding Inheritance

Implement a **Person** class and derive a **Student** class from Person and implement a **Book** class and use it in class Student. Derive **Graduate Student** and **Under Graduate Student** classes from Student. Write appropriate interfaces for each class and write a driver program to test your classes.

### **Relationships:**

- "Student is a Person"
- "Graduate Student is a Student"
- "Under Graduate Student is a Student"
- "Student has a Book"