Object Oriented Programming 1
Spring 18-19
Lab Manual: 03

Lab Task:

1. Lab Review, and start with unfinished classes from Lab_02
2. Develop Java classes

Note: Student must follow the name of class, member variables, and functions.
And students should use fully qualified names for these, as well camel notions.
And the syntax alignment has to be as it should be.

1. Lab_02 Classes – Review:

2. Develop Java Classes:

Mobile	String mobileOwnerName String mobileNumber // SIM number String mobileBalance String mobileOSName boolean lock // true means phone is lock false means unlock	
	2 constructor void showInfo() void recharge(int amount) void callSomeone(int timeDuration) // per minute cost=1 taka	Lock has to be false to show or recharge or call someone, so check the lock flag/Boolean variable

Course (Home Work/Assignment)	Declare Member variables on your own	
	Declare member function on your own	

Triangle (Home Work/Assignment)	Declare Member variables on your own	
	Declare member function on your own	

Library	String libName String libAddress Book [] listOfBook	Member variables declare private

Reuse Book Class from lab_02	int totalBook;	

	2 constructors (empty and valued)
	void showLibInfo() // show library info and all book info as well
	void addNewBook(Book book) // add a new book into lib
	void deleteBook(Book book) // delete book object
	void addNewBookCopy(Book book, int copy)	

AddressBook Reuse Contact Class from lab_02	String ownerName String info Contact [] listOfContact	
	2 constructor (empty and valued) void showAllContactInfo() void addContact(Contact con) void deleteContact(Contact con)	