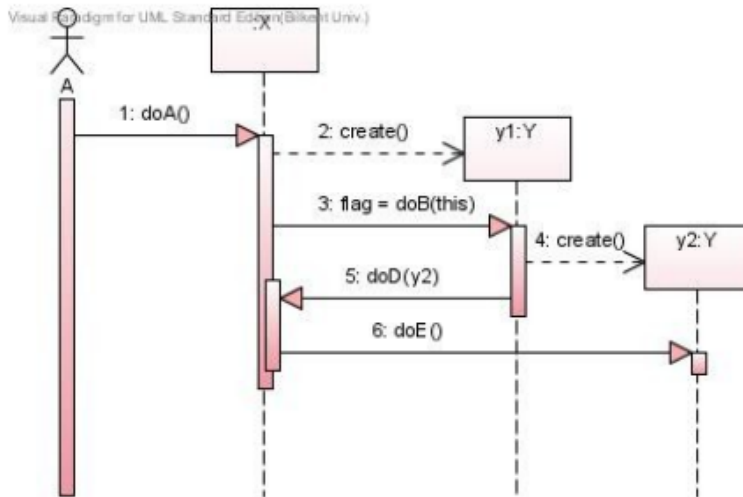


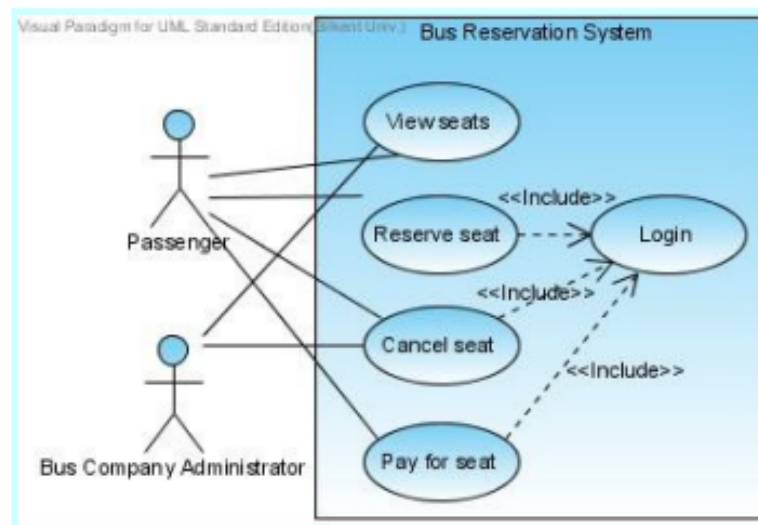
Question 3: OOA/D and UML [10 pts]

Consider the following sequence diagram. Write skeletal code for any *non-boundary* objects (i.e., classes) involved in the below diagram. Specify only what is conveyed in the diagram.



```
public class Y {
    ...
    boolean doB(X x) {
        Y y2 = new Y();
        x.doD(y2);
        ...
        return flag;
    }
    void doE() {...}
}
```

a) [15 pts] Draw a use case diagram for describing the functional requirements of the above system.



- e) [15 pts] Perform an analysis object (i.e. domain) modeling for the software system described above. You do not need to identify the operations of objects. You may simply show the resulting model without showing the individual steps.

