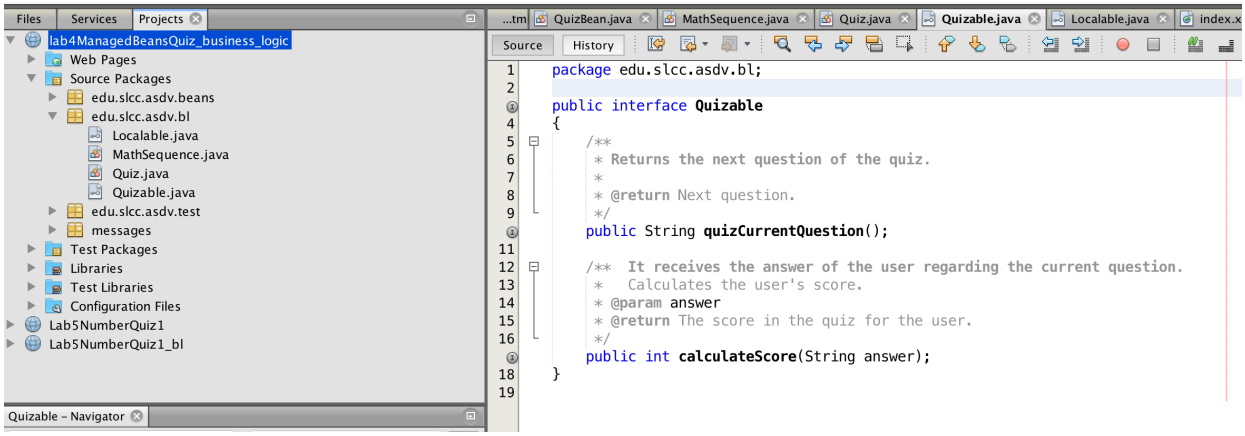
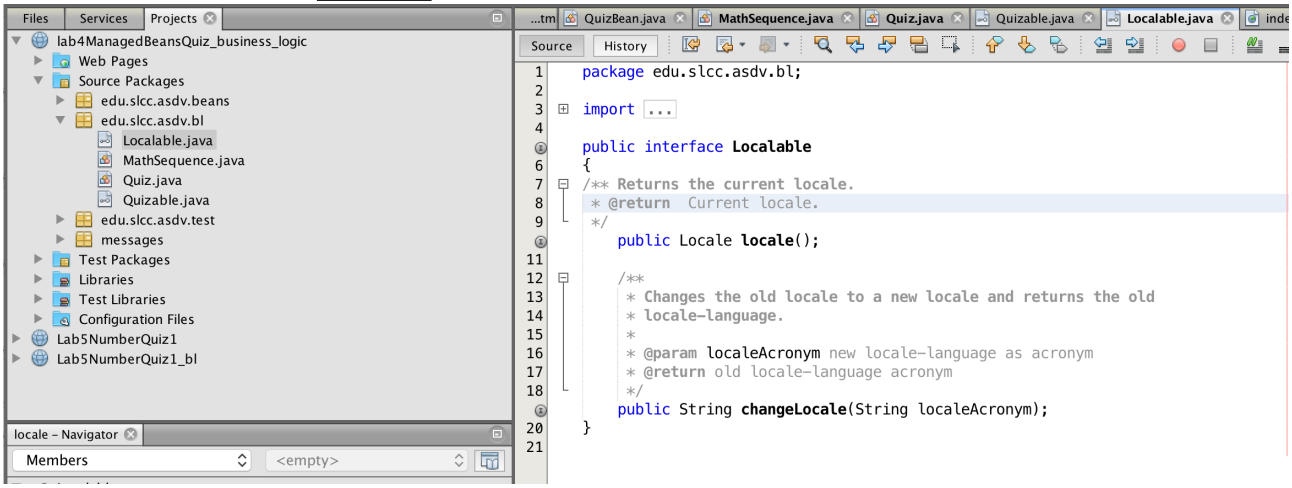
ASDV 2620, Web App II
Modularity(Isolation) of Business Logic in Web Apps

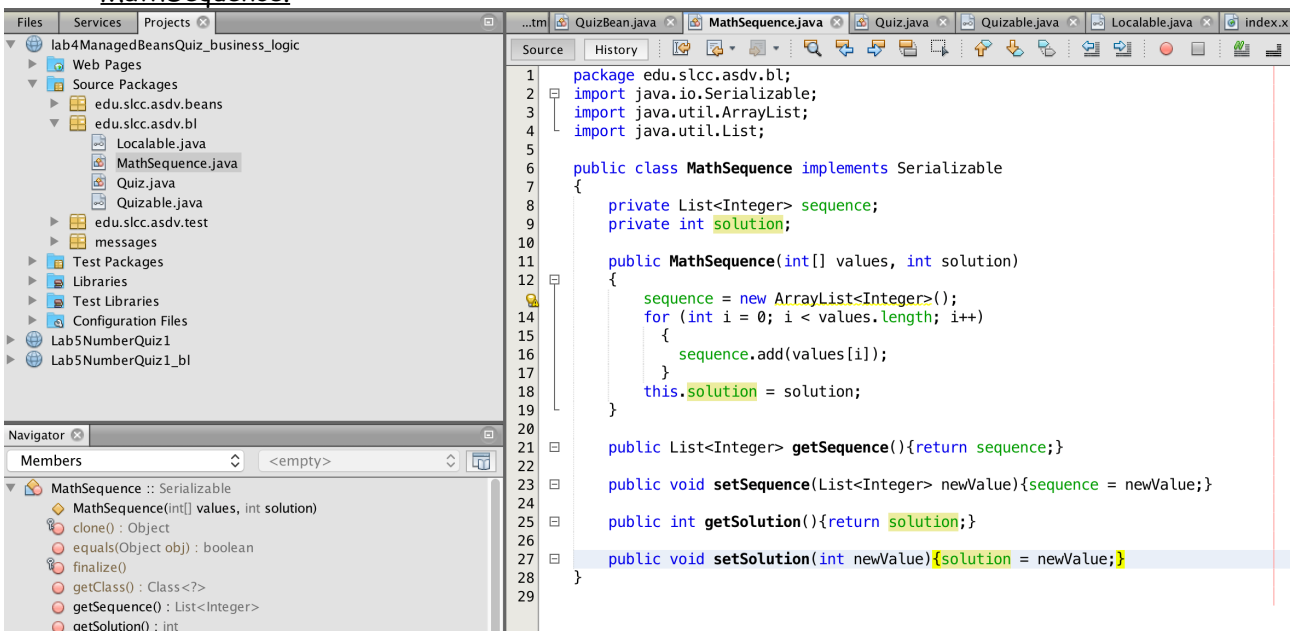
1. Copy and paste the Quiz project of chapter 2 of the textbook (Horstmann). Rename by adding to existing name, "BusinessLogic".
2. Create the package edu.slcc.asdv.bl and interface Quizable.



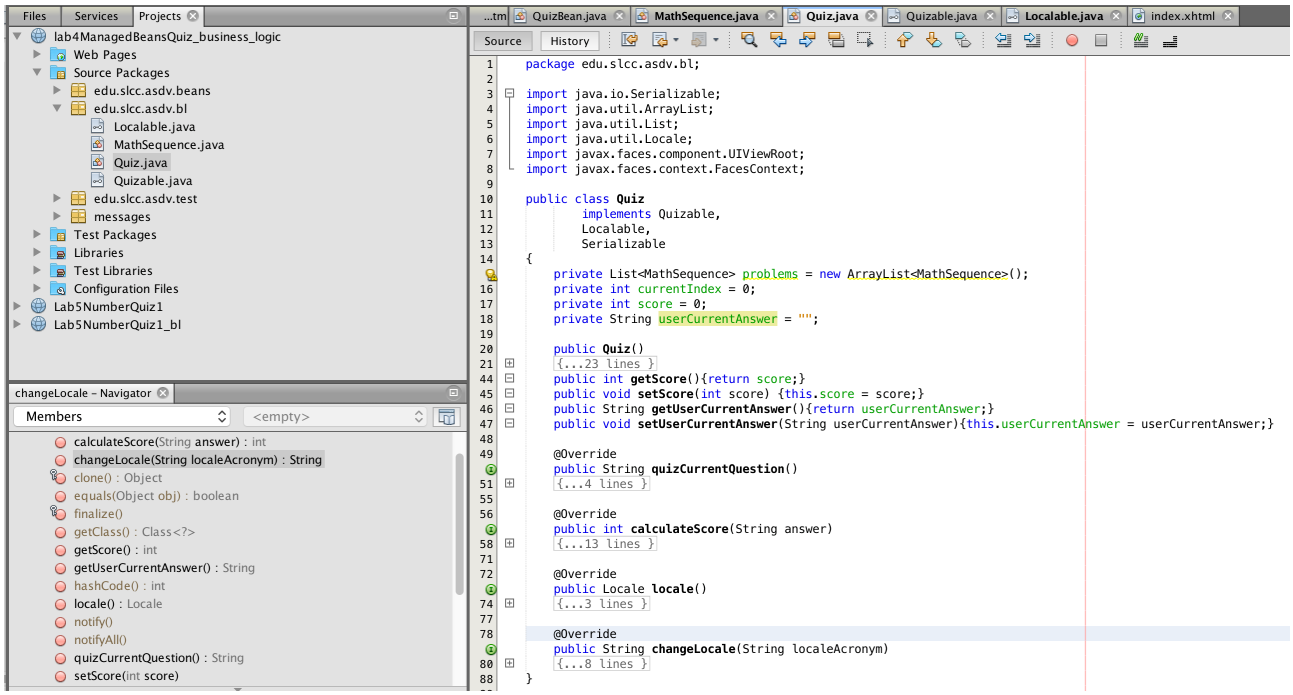
3. Create interface Localable.



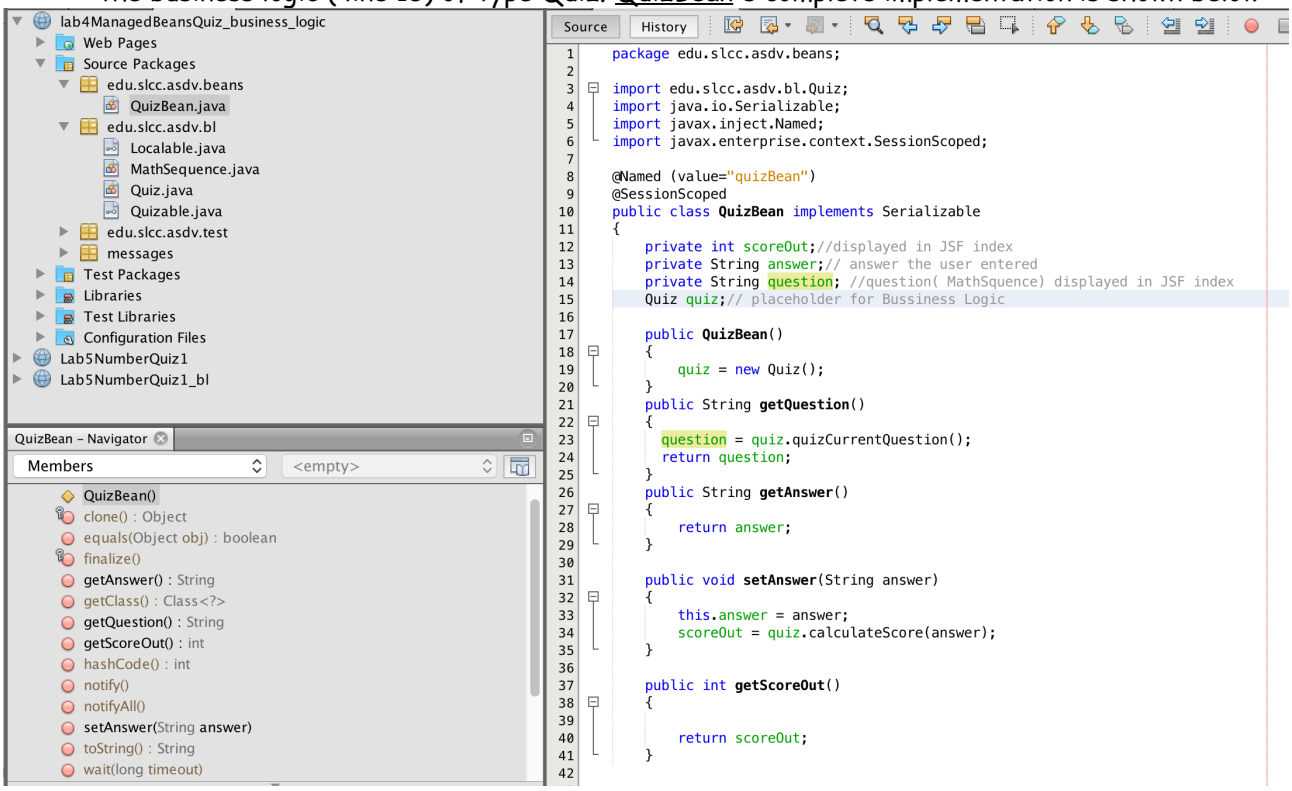
4. Rename the existing class Problem into MathSequence as shown. Use List, not ArrayList. The reason for List is that if we change later the implementation of MathSequence from ArrayList to another Collection type we do not have to change the classes that use MathSequence.



5. Implement the business logic in class Quiz. Most of the implemation is transferring the existing code from the bean QuizBean into Quiz.



6. Modify your existing QuizBean by taking out its business logic and creating a place holder for the business logic (line 15) of type Quiz. QuizBean's complete implementation is shown below:



7. Modify you index.xhtml, so its EL uses the new properties and methods of the QuizBean. Clean build and run.