1. Install JBoss or Glassfish and configure Eclipse to recognize it. Start the server in Eclipse and access http://localhost:8080/.

2. Make an EJB project with an interface RandomNumber and a concrete class RandomNumberBean. Give it two methods: findNum (no arguments, returns random number between 0 and 1) and findNumInRange (takes a double as an argument and returns a number between 0 and that number). Make it a remotely-accessible stateless session bean. Deploy the project to your app server.

3. Make a standalone client that can access the bean. Test out both methods. Use a Dynamic Web project so that you can later add servlets to it. But this client should just have a “main”, and can be executed from within Eclipse (R-click, Run As, Java Application) without deploying the project.

4. Add a new class to your EJB project called RandomNumber2. Make it a stateful session bean. Give it four methods:
   • setupNum(range): sets the initial value to be a number in that range
   • currentValue(): returns the current value of the number
   • doubleNum(): doubles the stored number
   • done(): tells app server to gc (garbage collect) the object

5. Test your bean from a standalone client.

6. Test your bean from a servlet.