

## Instructions:

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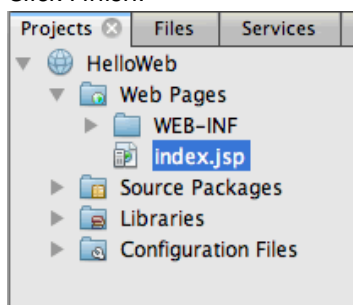
### Exercise 1:

I did not have a chance to test my code, I just analyze the given problem and modify the function provided in the WineTest.java. I'm pretty sure the logic will give the right answer but I think if you will run it through an IDE, it will give you some errors like missing ';' or imports.

### Exercise 2:

I made this one in NetBeans IDE, with a glassfish server 4.1.1, No database since there are sample data. I think if you open project thru NetBeans, you will get some directory error because it was made from my directory so you need to create a new web application to save it to your directory then copy the necessary files for you to run my code. So here are some steps:

1. Open NetBeans, then click File -> Open Project.
2. Locate the "example2" folder in the directory then click open.
3. Choose File > New Project (Ctrl-Shift-N) from the main menu. Under Categories, select Java Web. Under Projects, select Web Application then click Next.
4. In Step 2, enter "HelloWeb" in the Project Name text box.
5. Specify the Project Location to any directory on your computer. For purposes of this tutorial, this directory is referred to as \$PROJECTHOME.
6. Select the Use Dedicated Folder for Storing Libraries checkbox and specify the location for the libraries folder. Check Hibernate, spring, Java Server Faces.
7. Click Next. The Server and Settings panel opens. Select the version of Java EE you want to use with your application.
8. Select the server to which you want to deploy your application. Only servers that are registered with the IDE are listed.
9. Click Finish.



10. Copy the folder of 'Web Pages' from 'example2' project then replace the one in 'HelloWeb'.
11. Under Source Packages, copy 'Hibernate.cfg' then replace the one in 'HelloWeb'.
12. Under Source Packages, copy the 'com.miko.bean' and 'com.miko.model' packages then paste it under Source Packages of 'HelloWeb' Project.
13. Run the 'HelloWeb' Project.