

I. Modify the Line Item application

This exercise guides you through the process of testing and modifying the Line Item application.

Review and test the project

1. Open the project named ex4_Lineitem as provided. Then, review the code for the Lineitem and LineitemApp classes.
2. Run the project and test it with valid product codes like "java", "jsp", and "mysql" to make sure that this application works correctly.

Rename a package

3. In the Project window of NetBeans, navigate to the informatics.db package. Then, rename this package to informatics.database.
4. Open the ProductDB class and note that NetBeans also changed the package statement for this class to correspond with the new package name.
5. Open the LineitemApp class and note that NetBeans also changed the import statement for the ProductDB class to correspond with the new package name.
6. Run the project and make sure it still works correctly.

II. Use objects in the Area and Perimeter application

This exercise guides you through the process of converting the Area and Perimeter application so it uses object-oriented approach.

Review and test the project

1. Open the project named ex4_AreaAndPerimeter as provided. Then, review the code for the Main and Rectangle classes. Note that they are both stored in the informatics.rectangle package.
2. Run the project and make sure this application works correctly. Work with packages
3. Create a package named informatics.ui. Then, move the Main class into that package.

4. Create a package named `informatics.business`. Then, move the `Rectangle` class into that package.
5. Open the `Rectangle` class. Then, note that NetBeans has modified its package statement.
6. Open the `Main` class. Then, note that NetBeans has modified its package statement and added an import statement for the `Rectangle` class.
7. Delete the `informatics.rectangle` package.
8. Run the project and make sure it still works correctly.