Category Two Artifact Instructions

**Exact workspace used to develop the Java slide show application: (Can be run using other operating systems but may run into unknown issues.**

* Windows 64-bit Operating System
* Eclipse IDE for Java developers 2024-03 Windows 64bit version
  + download link: <https://www.eclipse.org/downloads/packages/release/oxygen/3a/eclipse-ide-java-developers>
* JRE System Library [jdk-22] Windows x64 installer
  + download link: <https://www.oracle.com/java/technologies/javase/jdk22-archive-downloads.html>

**Instructions to run the Java slide show application jar file:**

1. To run the application jar file, you must first unzip the “category two artifact - enhanced” folder
2. Once it is unzipped, Open the “Slide Show - Enhanced” folder and run the “CS 499 Module Two Enhancement - Enhanced Product Application.jar” file. This will run the application and you will be able to interact with the Java slide show.

**Instructions to review the entire project:**

1. Download and install the Eclipse IDE
2. Download and install the JRE System Library [jdk-22]
3. Unzip the “category two artifact - enhanced” folder
4. Run the Eclipse IDE, click “file” at the top right corner, and click “Open projects from file system”
5. Click “directory” and find the “Slide Show - Enhanced” folder. Then click “Select Folder.” This will open up the entire project in the Eclipse IDE.
6. Before running the project, ensure the build path has been configured correctly.
   1. First, right-click the slide show project in the package explorer.
   2. Second, Click “Build Path,” and then “Configure Build Path”
   3. Under the libraries tab, ensure the Modulepath contains the JRE System Library [jdk-22].
      1. If it does not, click on “Modulepath,” and then click “Add Library”
      2. This will open the Add Library tab. In the add library tab click JRE System Library and make sure Workspace default JRE (jdk-22) is active.
      3. click “Finish”
7. To run the project in the Eclipse IDE, click the green play button located on the toolbar.