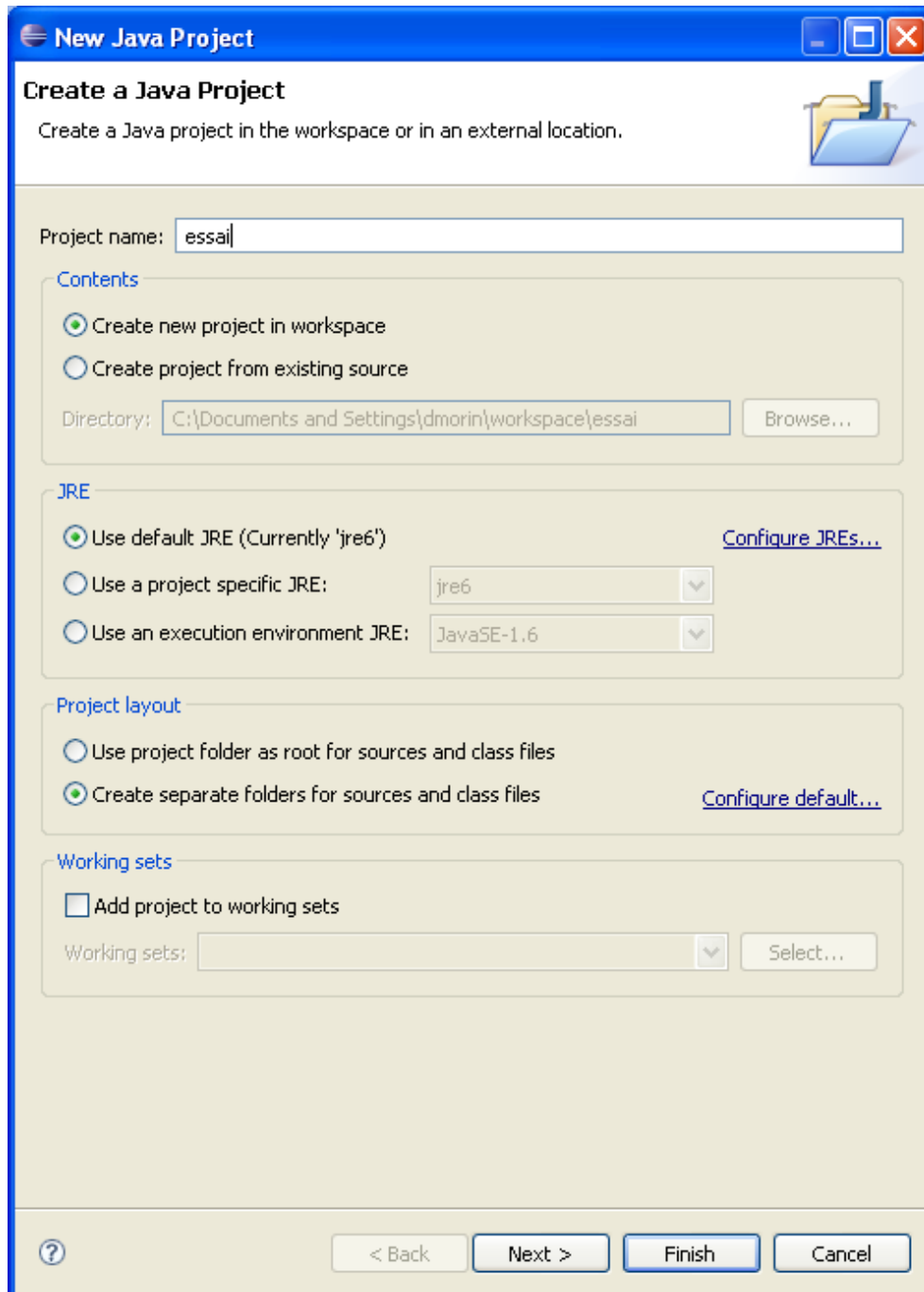


**Documentation on how to use JNI with the lomem.dll
Made with Eclipse IDE.**

→ Create a new Java Project (e.g. named "essai").



New Java Project

Create a Java Project
Create a Java project in the workspace or in an external location.

Project name:

Contents

☒ Create new project in workspace
☐ Create project from existing source

Directory: [Browse...](#)

JRE

☒ Use default JRE (Currently 'jre6') [Configure JREs...](#)
☐ Use a project specific JRE:
☐ Use an execution environment JRE:

Project layout

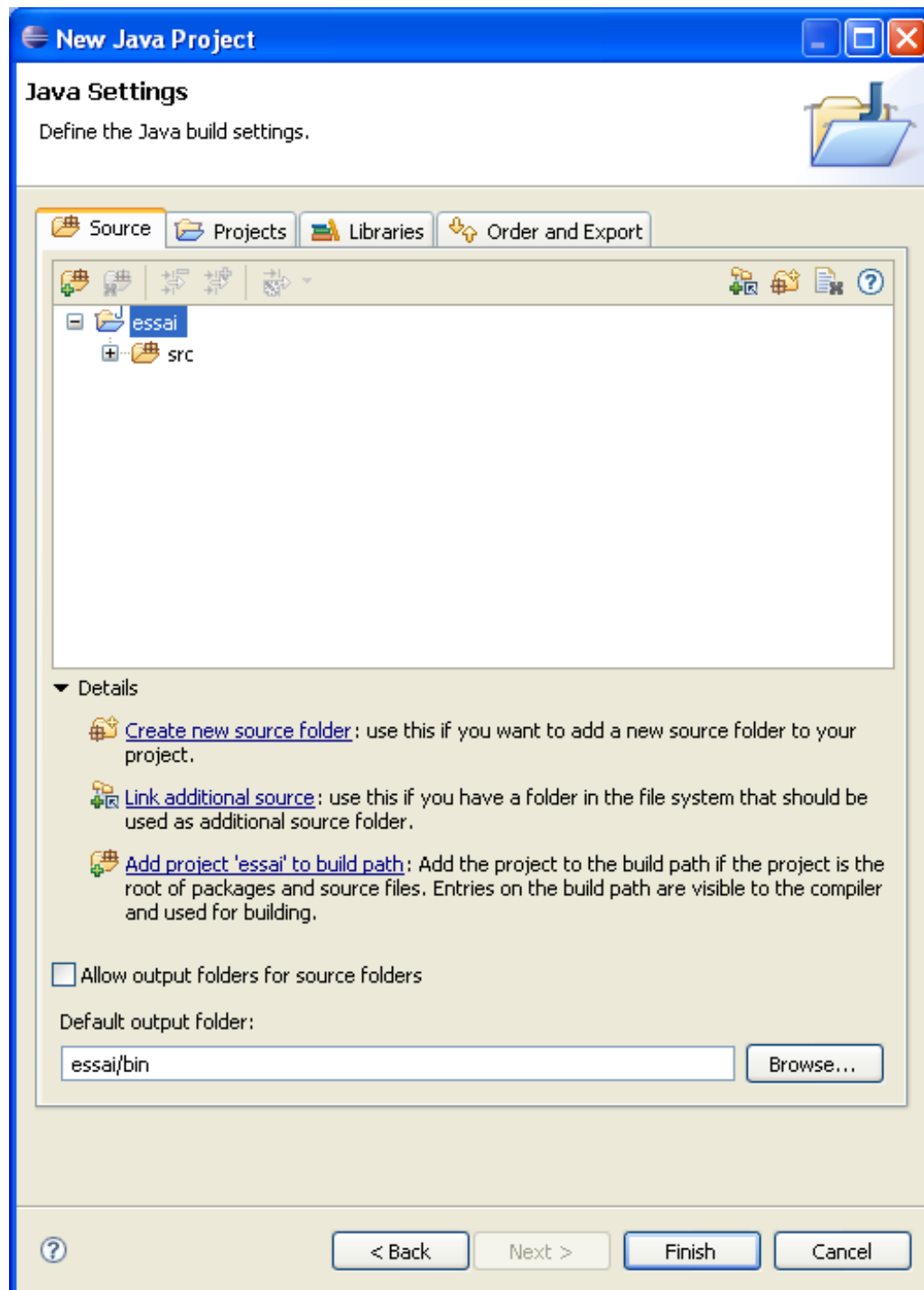
☐ Use project folder as root for sources and class files
☒ Create separate folders for sources and class files [Configure default...](#)

Working sets

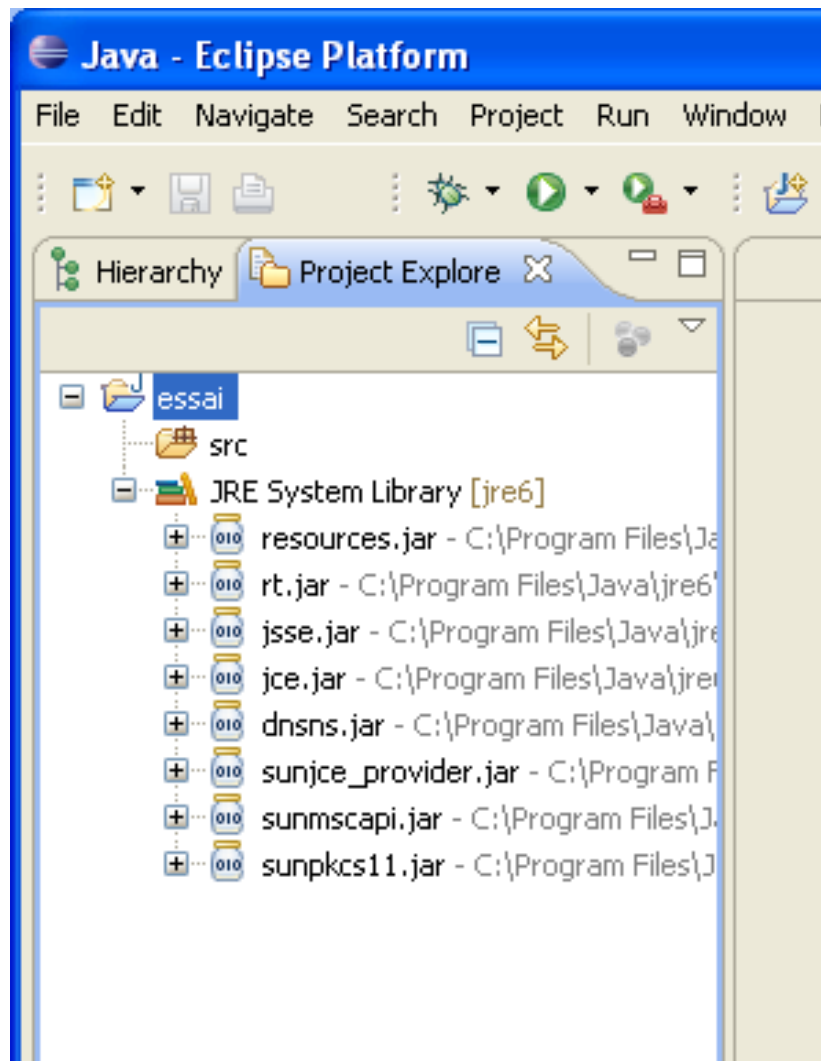
☐ Add project to working sets

Working sets: [Select...](#)

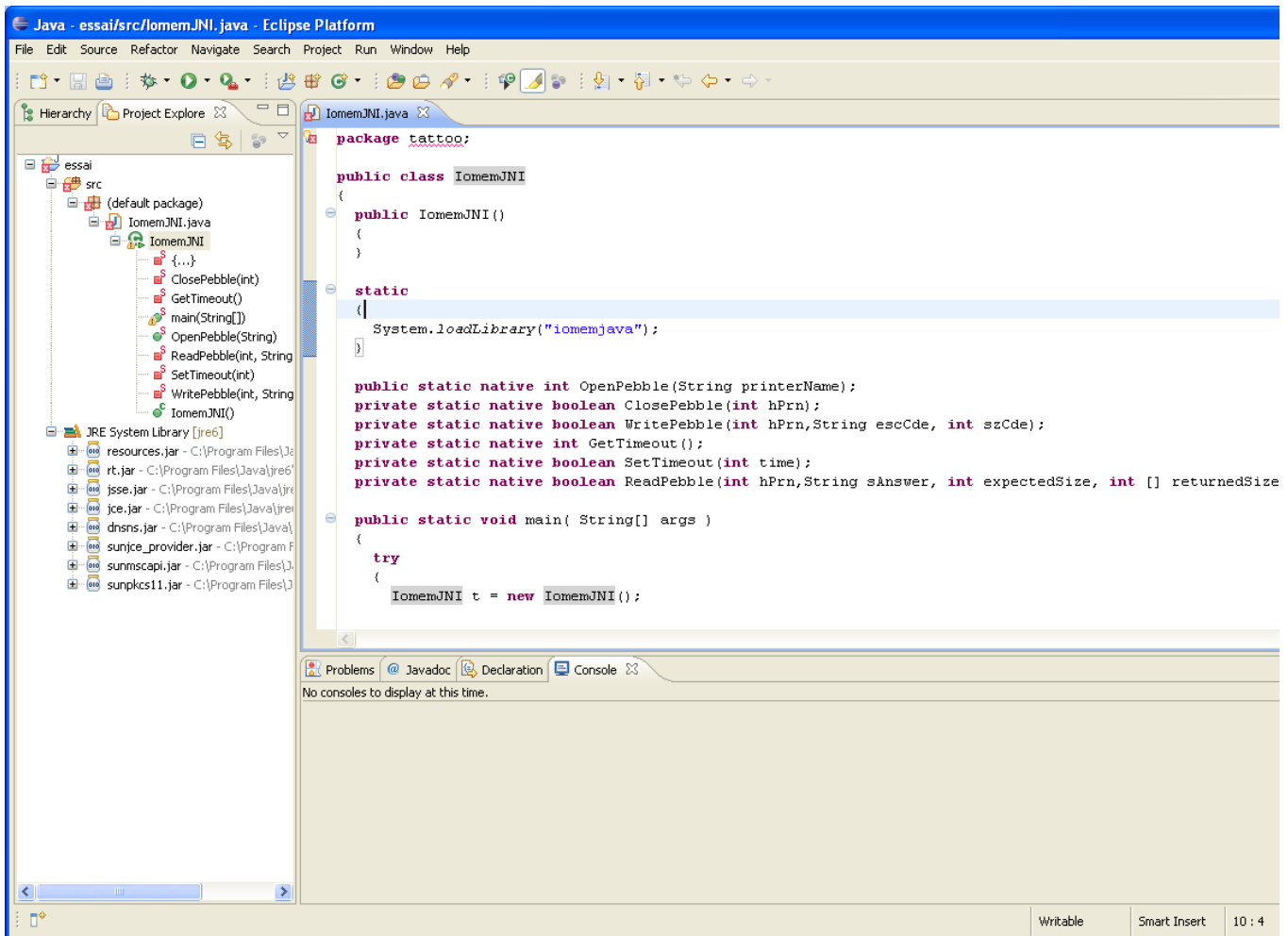
[?](#) [< Back](#) [Next >](#) [Finish](#) [Cancel](#)



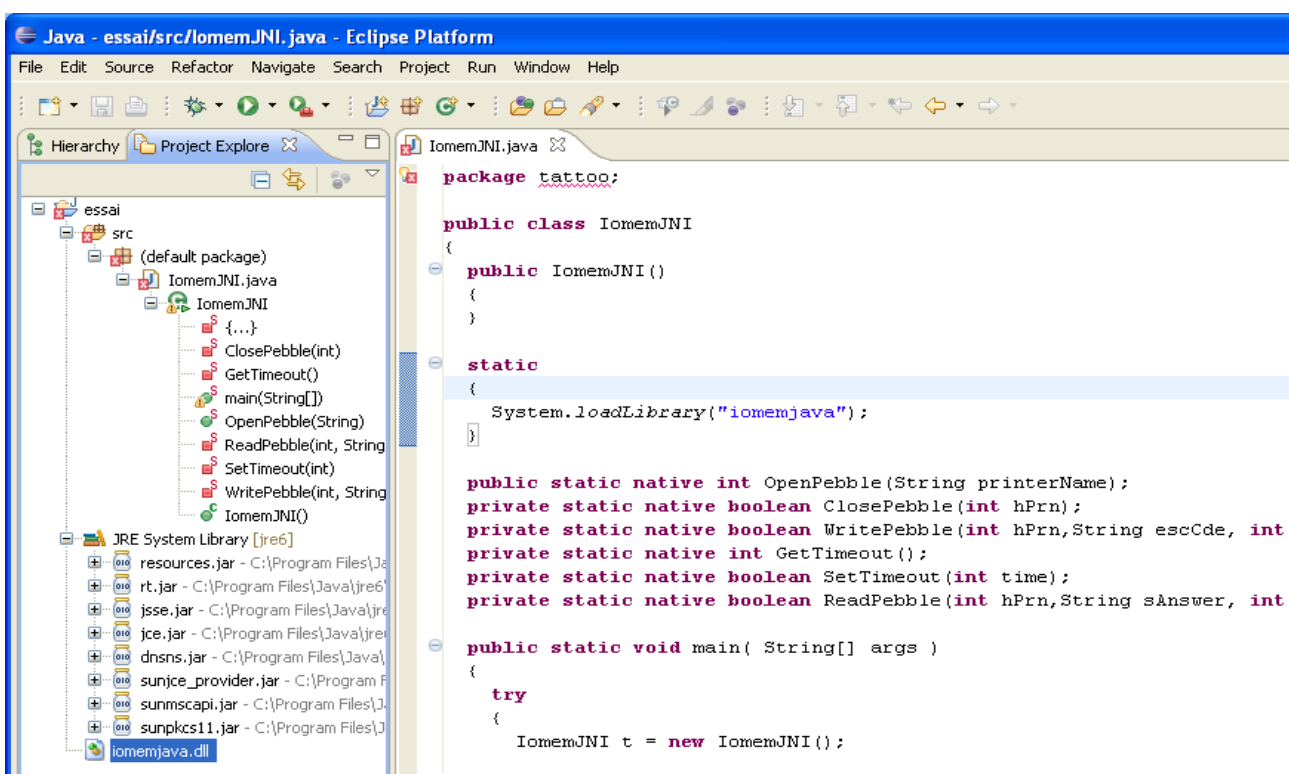
➔ Add sources

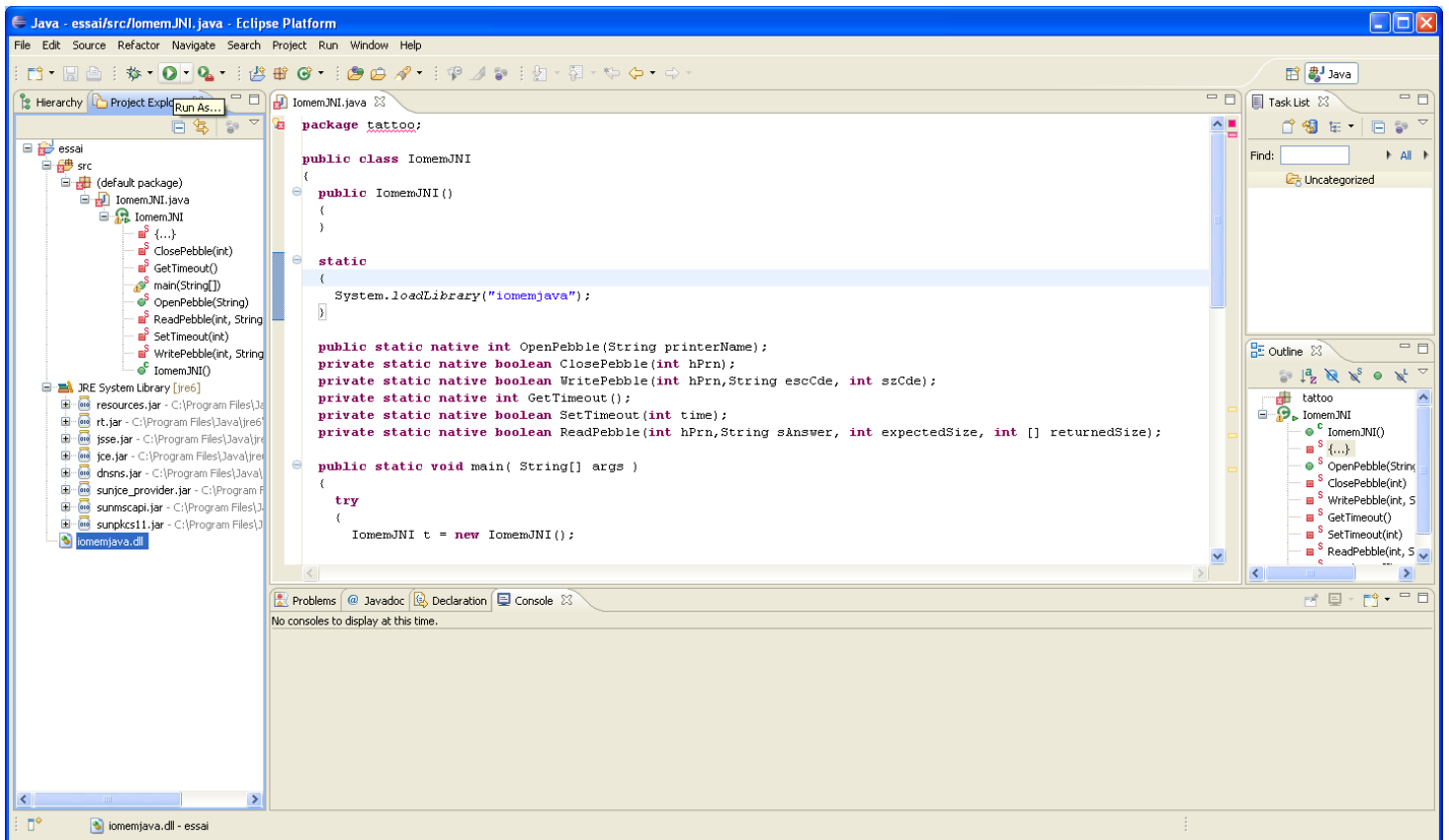


→ In the project explorer, Drag and drop "IomemJNI.java" to the "src" folder.

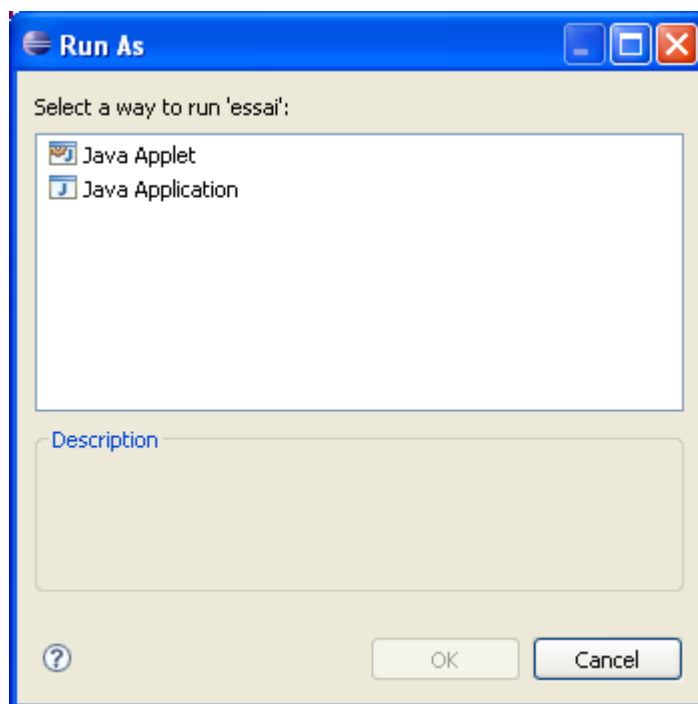


→ Drag-and-drop the library "iomemjava.dll" to "essai" in the project explorer.





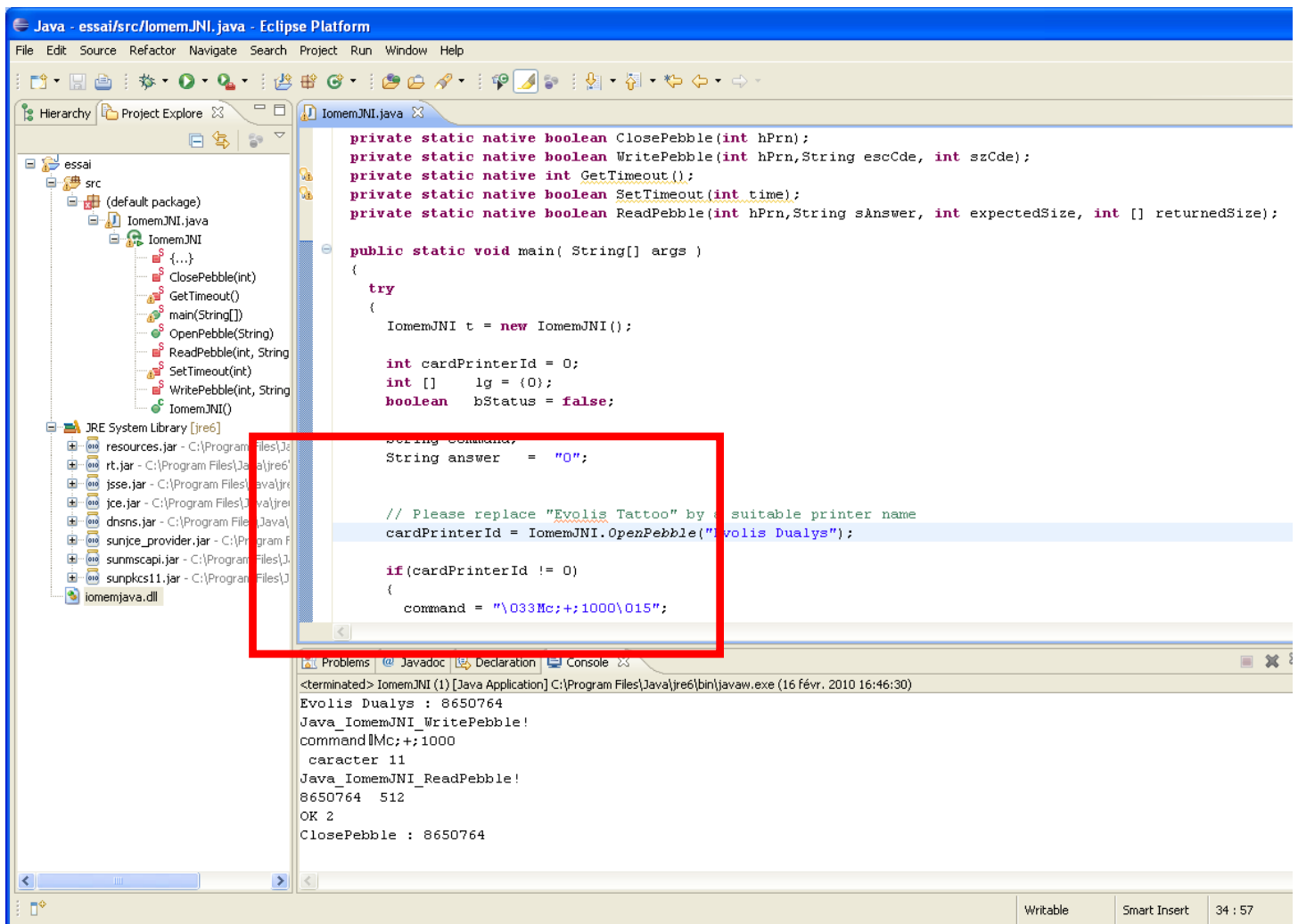
➔ Run the Java Application



Result:

If some code modification occurs this impacts the namespace, the class name, the visibility of the wrapping class then it is important to renew the "iomemjava" library.

➔ Process to renew "iomemjava.dll"



```

Java - essai/src/IomemJNI.java - Eclipse Platform
File Edit Source Refactor Navigate Search Project Run Window Help

Hierarchy Project Explorer IomemJNI.java
essai
src
(default package)
IomemJNI.java
IomemJNI
{...}
ClosePebble(int)
GetTimeout()
main(String[])
OpenPebble(String)
ReadPebble(int, String)
SetTimeout(int)
WritePebble(int, String)
IomemJNI()

JRE System Library [jre6]
resources.jar - C:\Program Files\Java\jre6\resources.jar
rt.jar - C:\Program Files\Java\jre6\rt.jar
jsse.jar - C:\Program Files\Java\jre6\jsse.jar
jce.jar - C:\Program Files\Java\jre6\jce.jar
dnsns.jar - C:\Program Files\Java\jre6\dnsns.jar
sunjce_provider.jar - C:\Program Files\Java\jre6\lib\sunjce_provider.jar
sunmscapi.jar - C:\Program Files\Java\jre6\lib\sunmscapi.jar
sunpkcs11.jar - C:\Program Files\Java\jre6\lib\sunpkcs11.jar
iomemjava.dll

private static native boolean ClosePebble(int hPrn);
private static native boolean WritePebble(int hPrn,String escCde, int szCde);
private static native int GetTimeout();
private static native boolean SetTimeout(int time);
private static native boolean ReadPebble(int hPrn,String sAnswer, int expectedSize, int [] returnedSize);

public static void main( String[] args )
{
    try
    {
        IomemJNI t = new IomemJNI();

        int cardPrinterId = 0;
        int [] lg = {0};
        boolean bStatus = false;

        // Please replace "Evolis Tattoo" by a suitable printer name
        cardPrinterId = IomemJNI.OpenPebble("Evolis Dualys");

        if(cardPrinterId != 0)
        {
            command = "\\033Mc;+;1000\\015";
        }
    }
}

<terminated> IomemJNI (1) [Java Application] C:\Program Files\Java\jre6\bin\javaw.exe (16 févr. 2010 16:46:30)
Evolis Dualys : 8650764
Java_IomemJNI_WritePebble!
command\\Mc;+;1000
character 11
Java_IomemJNI_ReadPebble!
8650764 512
OK 2
ClosePebble : 8650764
    
```

