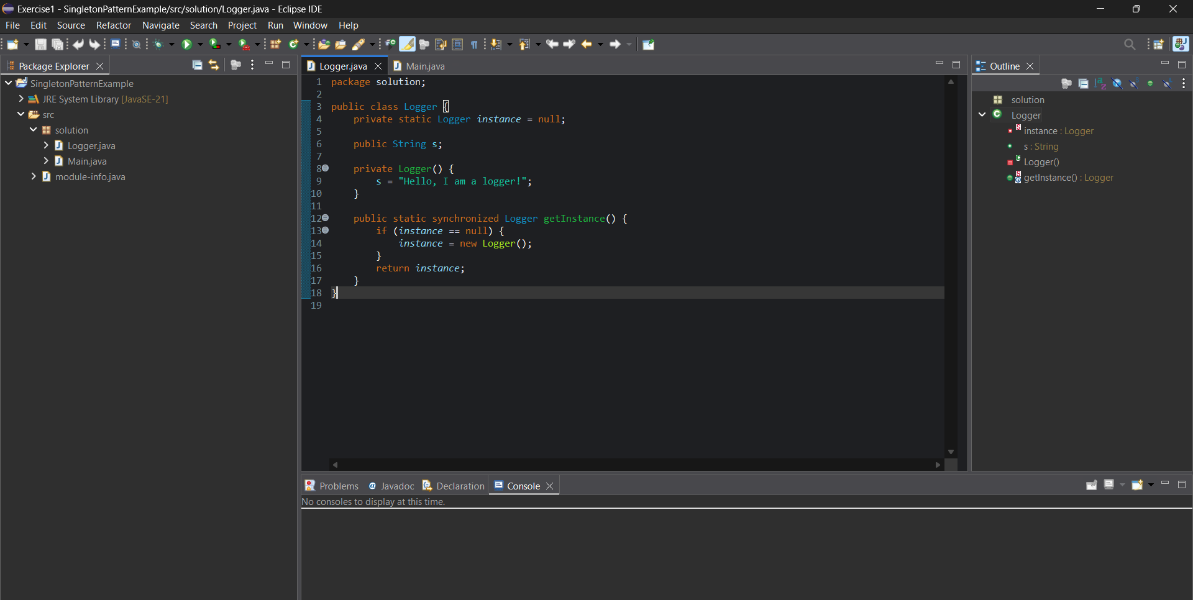
**Design Patterns and Principles**

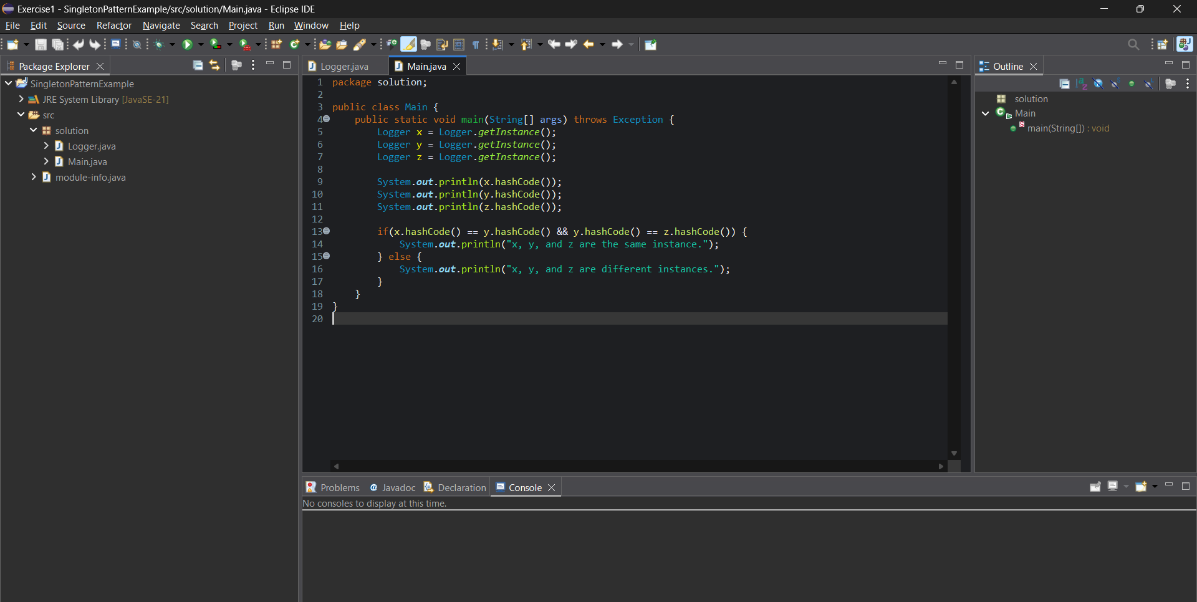
Exercise 1: Implementing the Singleton Pattern

Code

) Logger.java

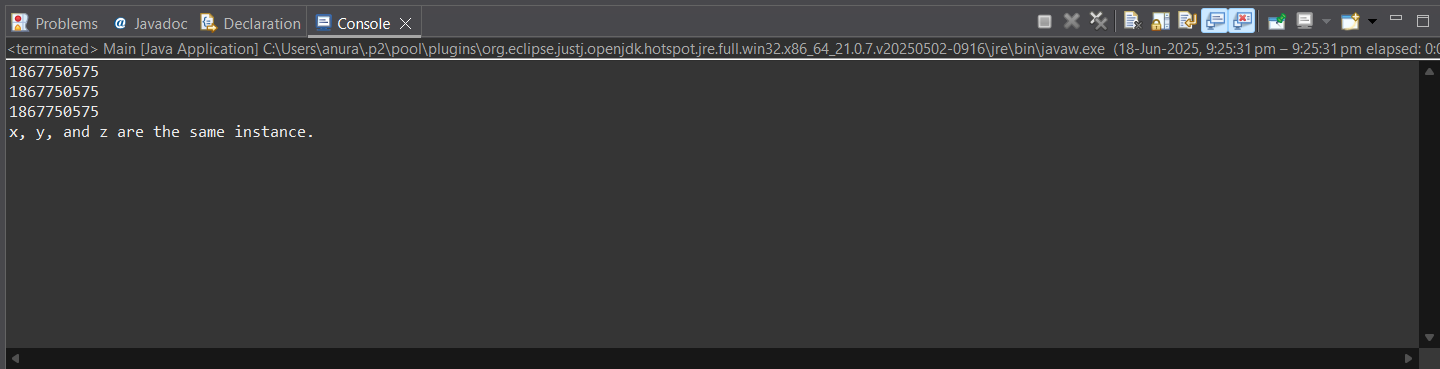


) Main.java



**Output**

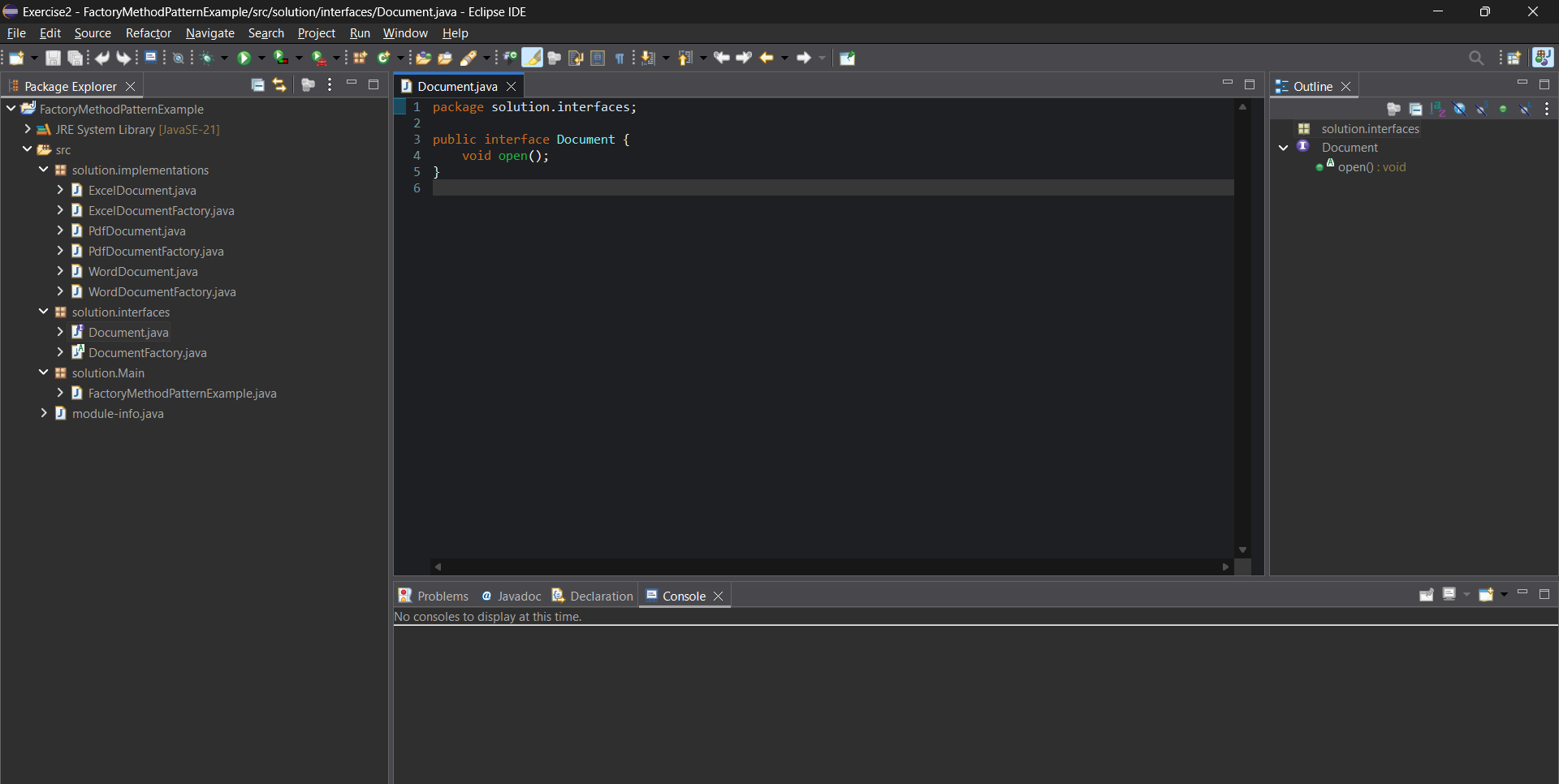
) Terminal



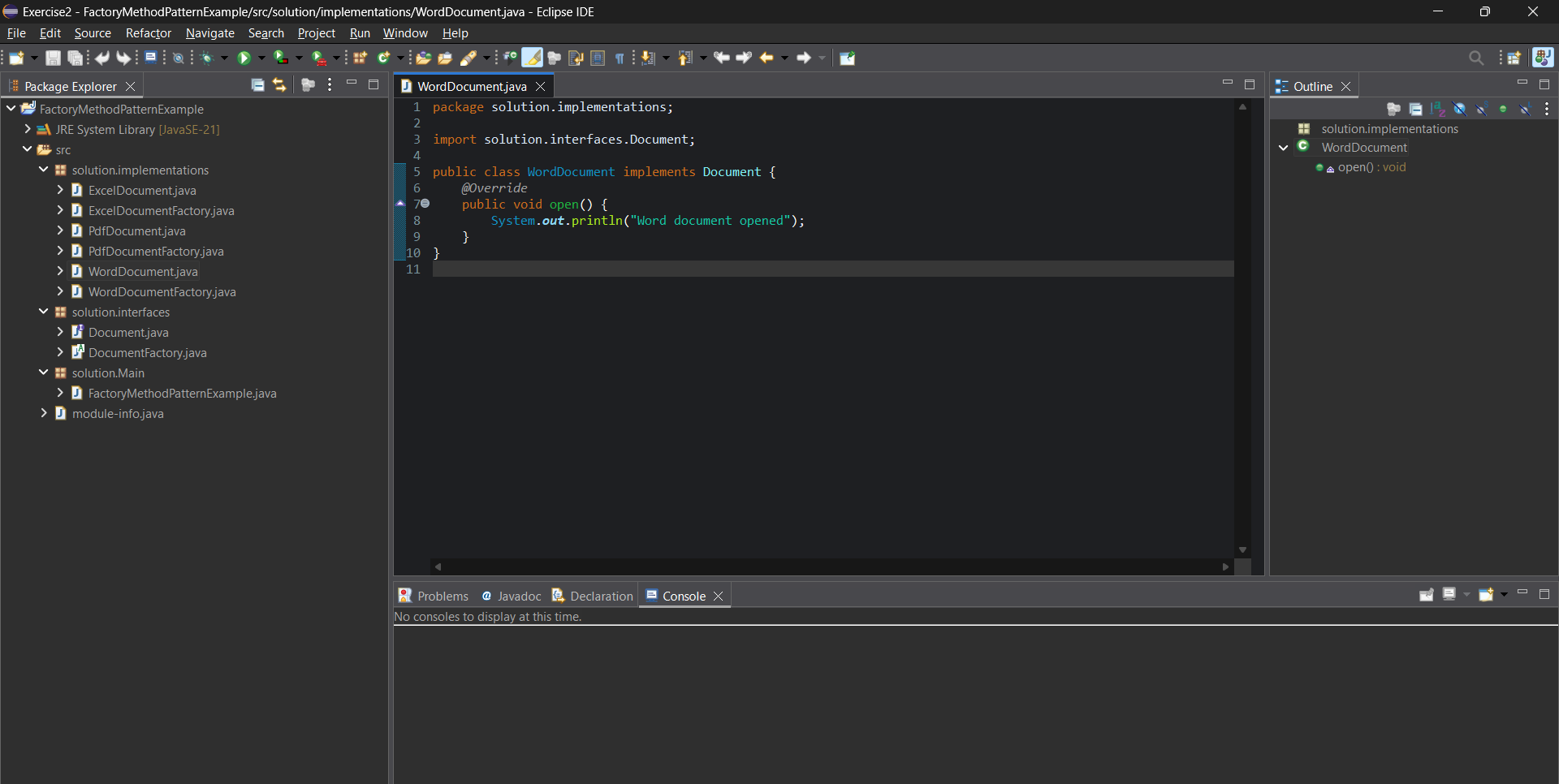
Exercise 2: Implementing the Factory Method Pattern

Code

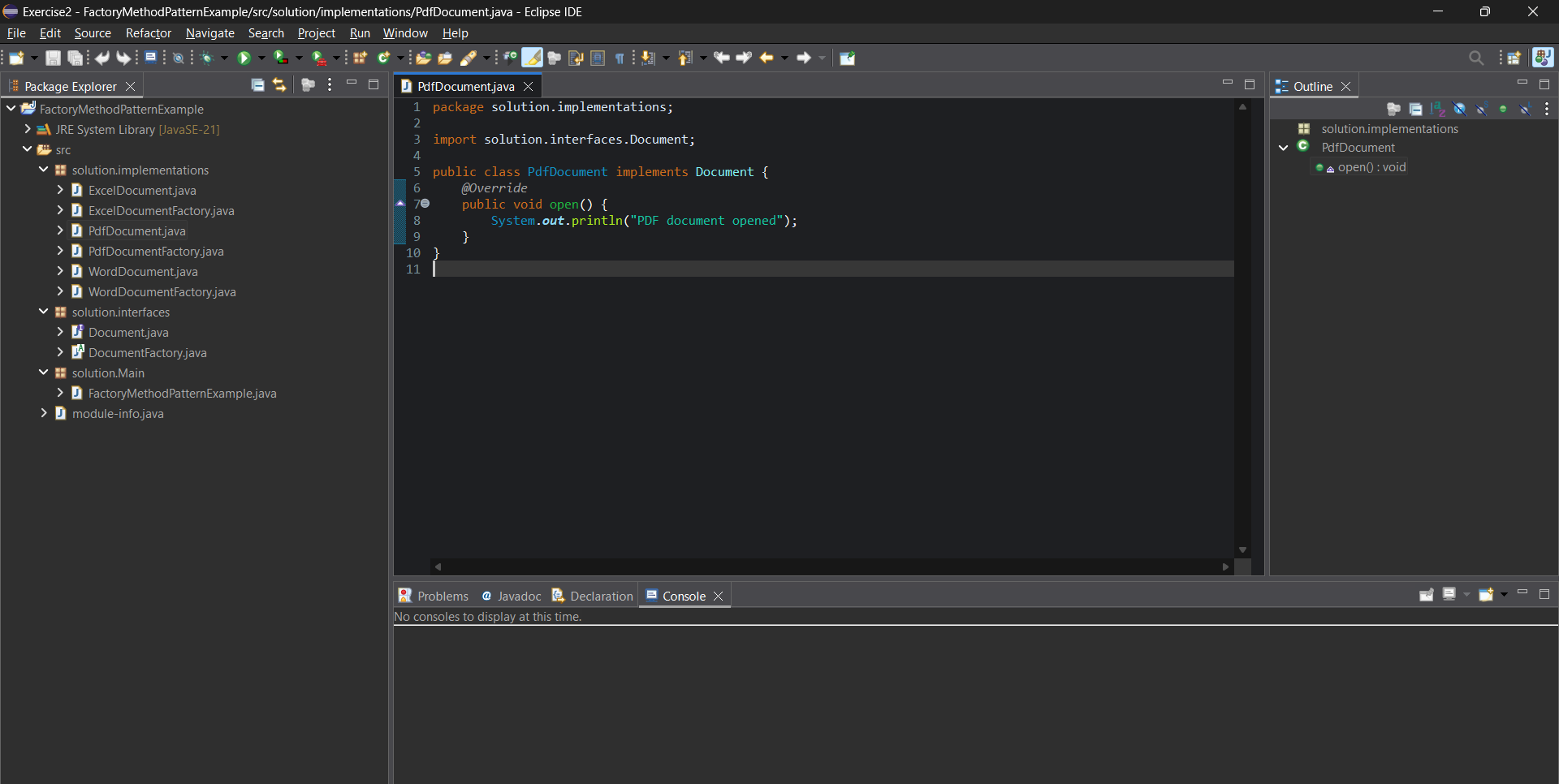
) Document.java



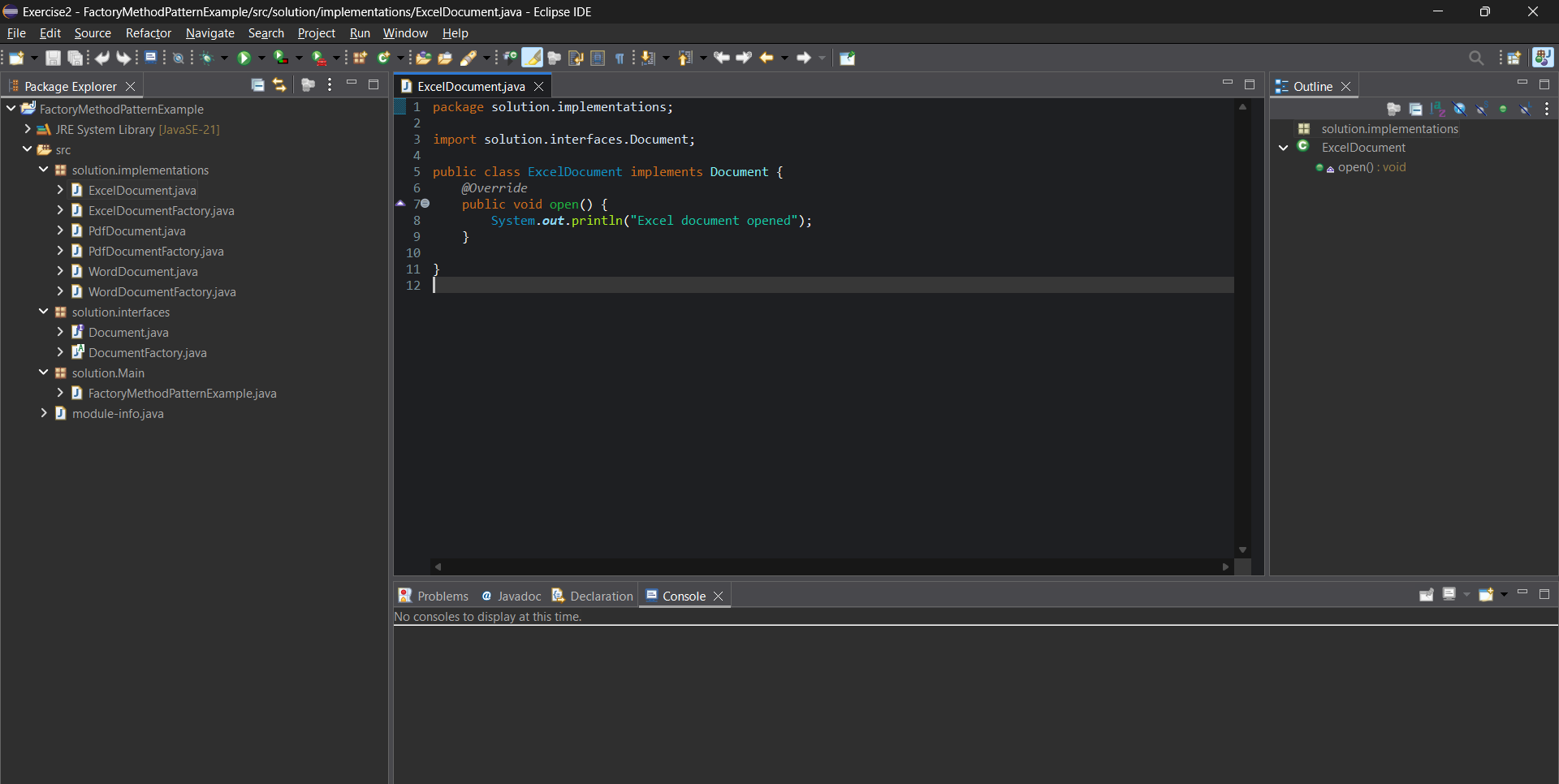
) WordDocument.java



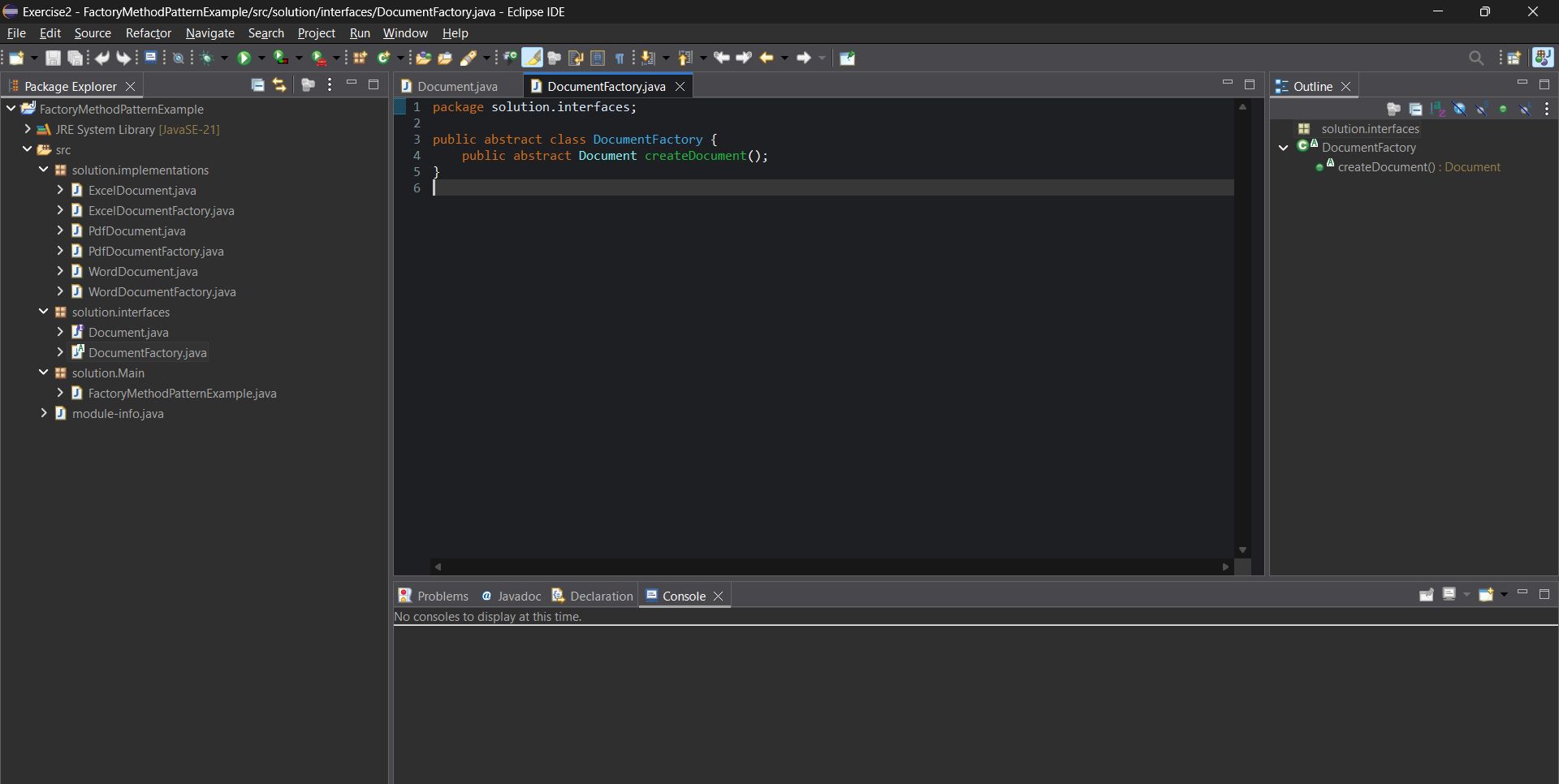
) PdfDocument.java



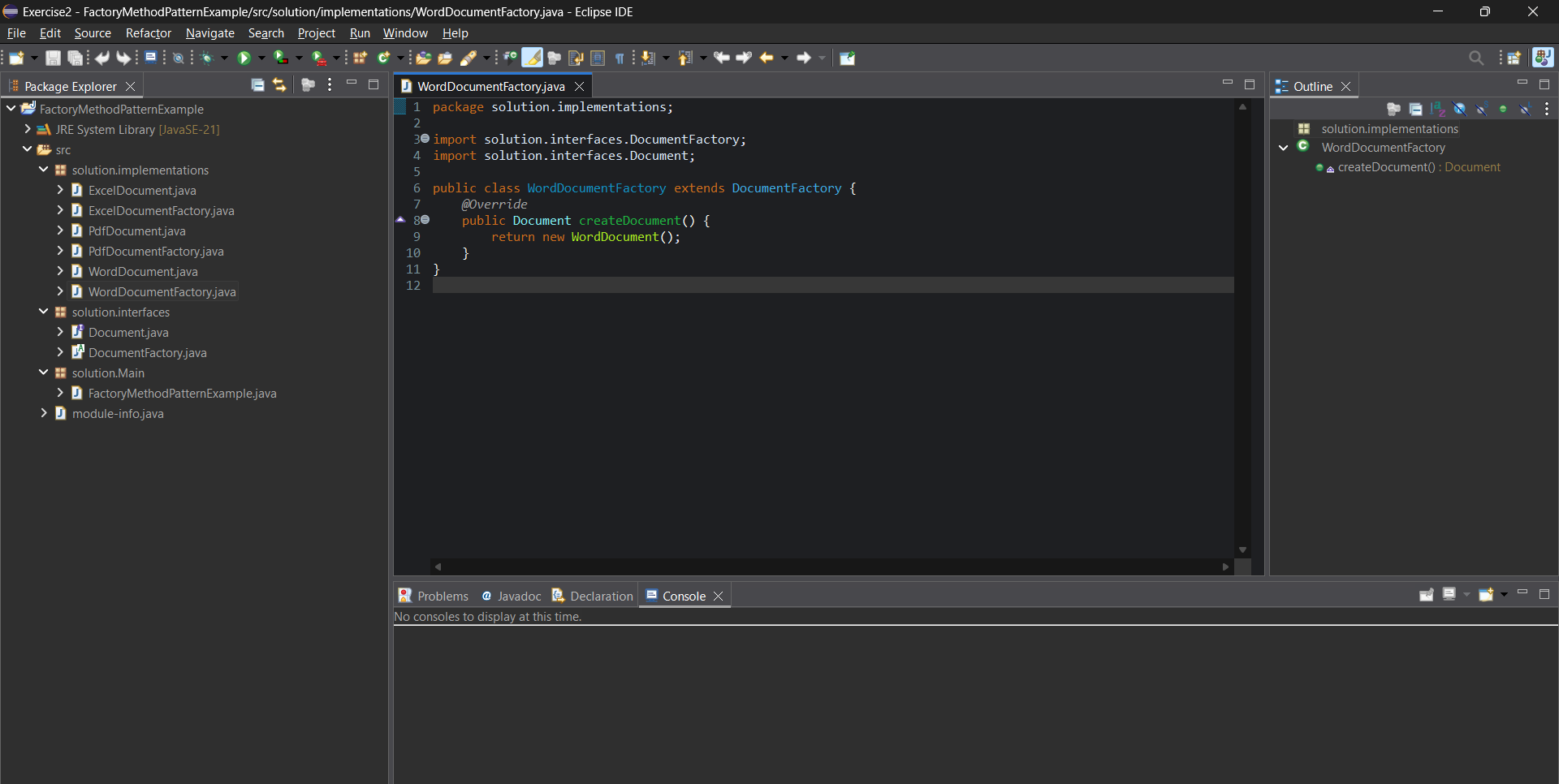
) ExcelDocument.java



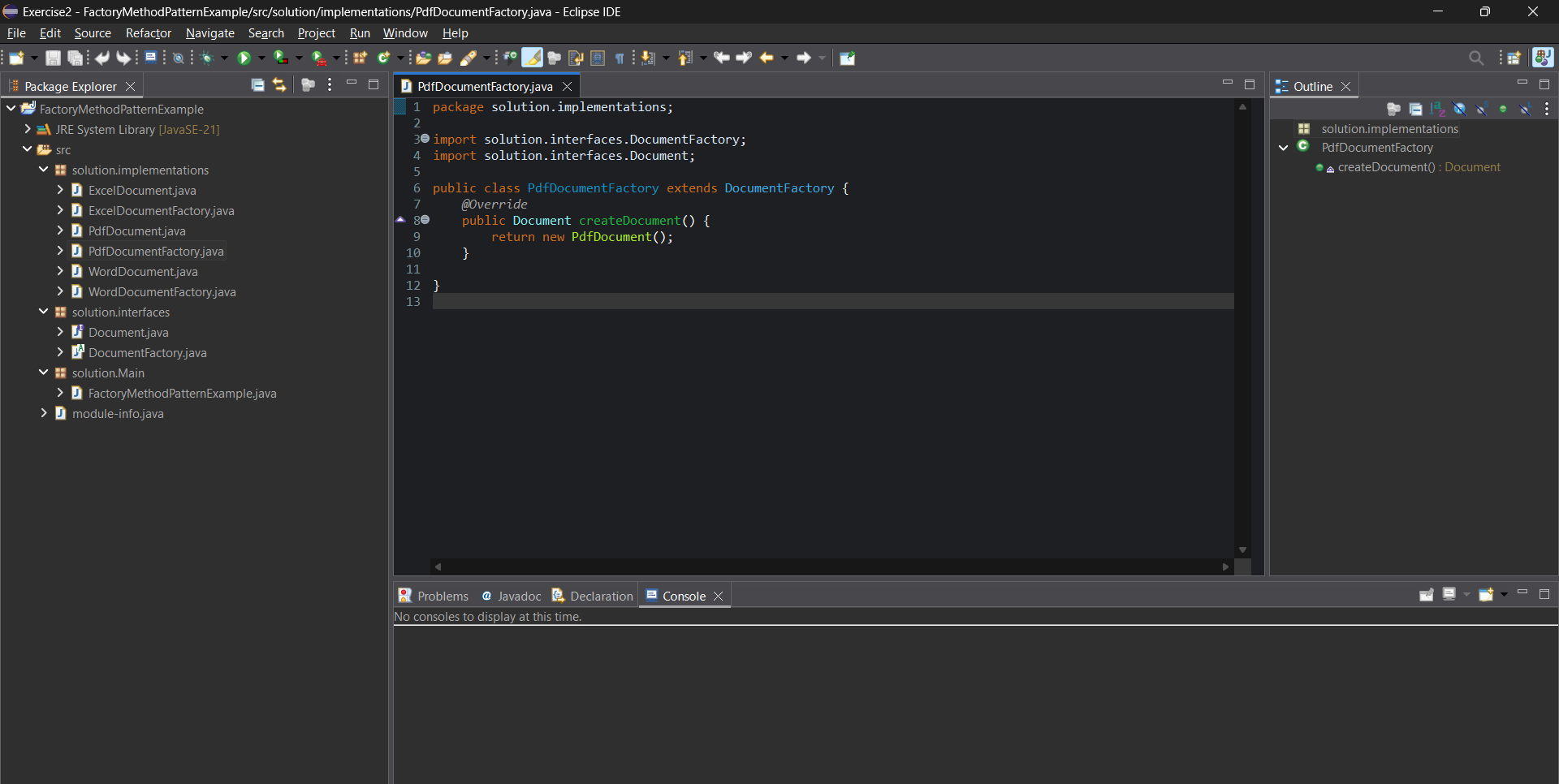
) DocumentFactory.java



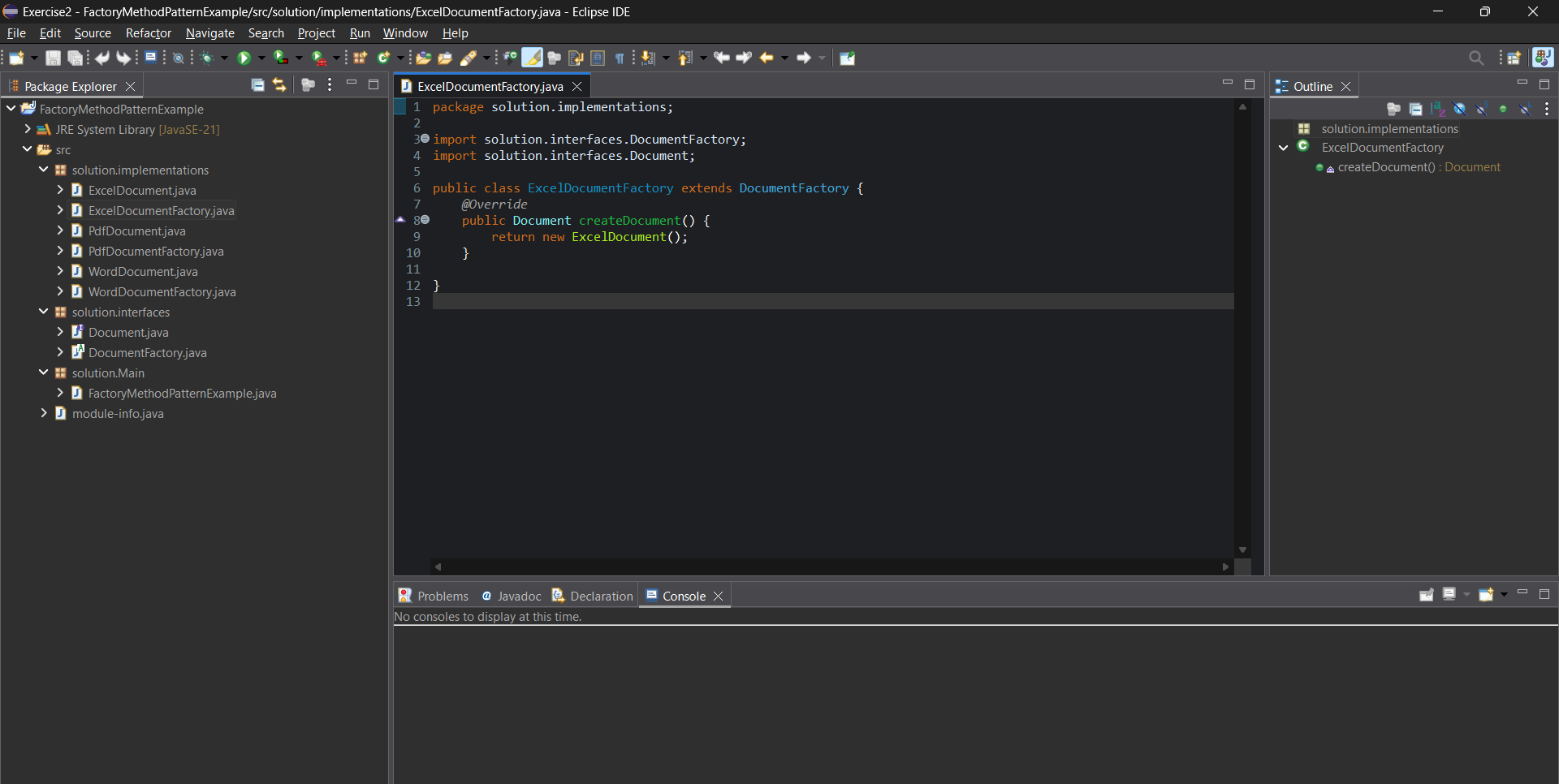
) WordDocumentFactory.java



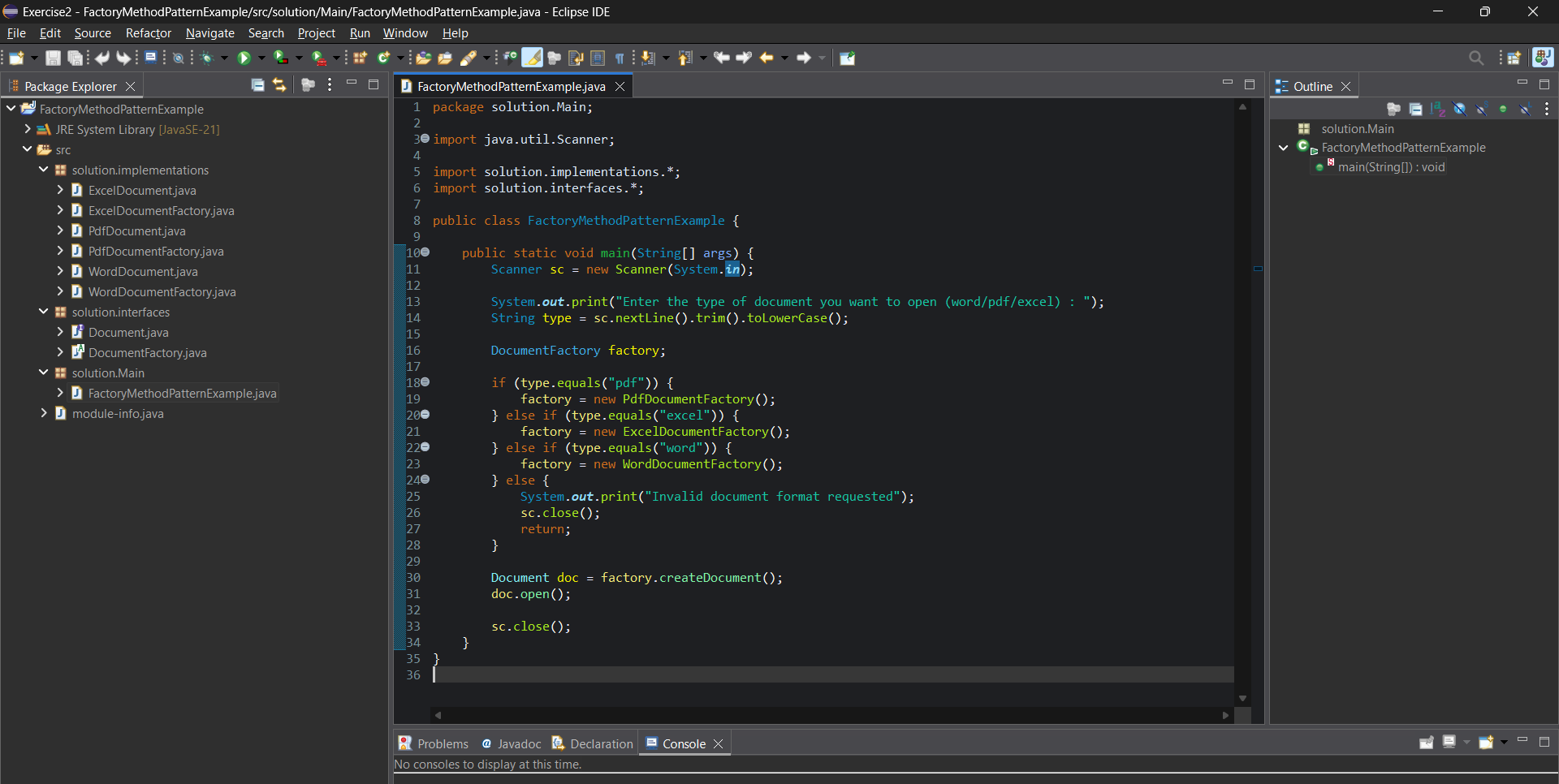
) PdfDocumentFactory.java



) ExcelDocumentFactory.java

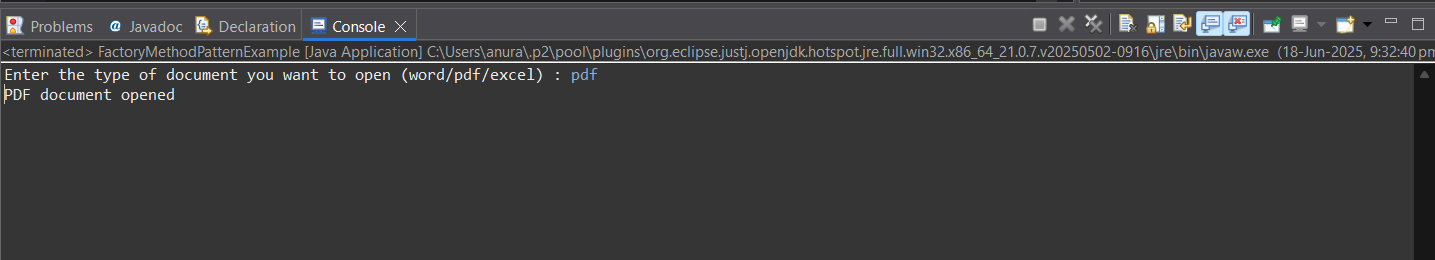


) FactoryMethodPatternExample.java

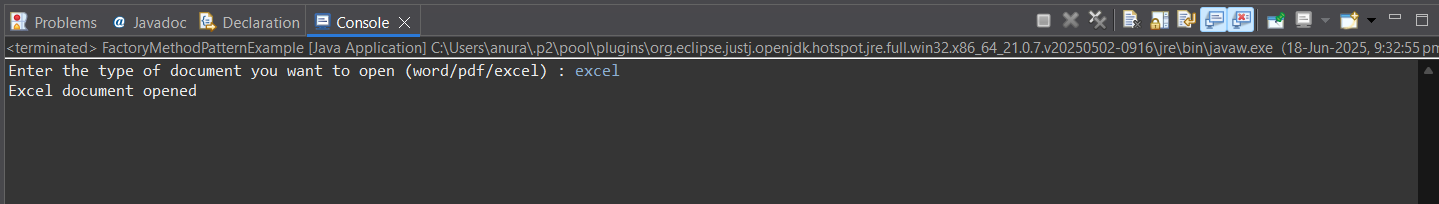


Output

) input = pdf



) input = excel



) input = word

