File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

Package Explorer

- FactoryMethodPatternExample
  - JRE System Library [JavaSE-22]
  - src
    - factorymethod
      - Document.java
      - DocumentFactory.java
      - ExcelDocument.java
      - ExcelDocumentFactory.java
      - PdfDocument.java
      - PdfDocumentFactory.java
      - TestFactoryPattern.java
      - WordDocument.java
      - WordDocumentFactory.java
    - module-info.java
      - FactoryMethodPatternExample
- SingletonPatternExample
  - JRE System Library [JavaSE-22]
  - src
    - com.week1
      - Logger.java
      - LoggerTest.java
    - module-info.java

ExcelDocume...   DocumentFac...   WordDocumen...   PdfDocument...   ExcelDocume...   TestFactory...

```java
1  package factorymethod;
2
3  public class TestFactoryPattern {
4      public static void main(String[] args) {
5          DocumentFactory wordFactory = new WordDocumentFactory();
6          Document wordDoc = wordFactory.createDocument();
7          wordDoc.open();
8
9          DocumentFactory pdfFactory = new PdfDocumentFactory();
10         Document pdfDoc = pdfFactory.createDocument();
11         pdfDoc.open();
12
13         DocumentFactory excelFactory = new ExcelDocumentFactory();
14         Document excelDoc = excelFactory.createDocument();
15         excelDoc.open();
16     }
17 }
18
```

Task List

Find   All   Activate...

Outline

- factorymethod
  - TestFactoryPattern

Problems   Javadoc   Declaration   Console

```
<terminated> TestFactoryPattern [Java Application] C:\Users\nerellasashank\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_22.0.1.v20240426-1149\jre\bin\javaw.exe (20 Jun 2025, 7:47:19 pm - 7
Opening Word Document...
Opening PDF Document...
Opening Excel Document...
```

Boot Dashboard

Type tags, projects, or working set names to match (incl. * and ? wildc

- local

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Search

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20-06-2025

```
<terminated> TestFactoryPattern [Java Application] C:\Users\nerellasashank\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_22.0.1.v20240426-1149\jre\bin\javaw.exe  (20 Jun 2025, 7:47:19 pm - 7
Opening Word Document...
Opening PDF Document...
Opening Excel Document...
```