**Exercise 2: Implementing the Factory Method Pattern**

**Scenario:**

You are developing a document management system that needs to create different types of documents (e.g., Word, PDF, Excel). Use the Factory Method Pattern to achieve this.

**Steps:**

1. **Create a New Java Project:**

Create a new Java project named **FactoryMethodPatternExample**.

1. **Define Document Classes:**

Create interfaces or abstract classes for different document types such as **WordDocument**, **PdfDocument**, and **ExcelDocument**.

1. **Create Concrete Document Classes:**

Implement concrete classes for each document type that implements or extends the above interfaces or abstract classes.

1. **Implement the Factory Method:**

Create an abstract class **DocumentFactory** with a method **createDocument()**.

Create concrete factory classes for each document type that extends DocumentFactory and implements the **createDocument()** method.

1. **Test the Factory Method Implementation:**

Create a test class to demonstrate the creation of different document types using the factory method.