```java
// File: FactoryMethodPatternExample.java

abstract class Document {
    public abstract void open();
}

// Concrete Document Classes
class WordDocument extends Document {
    public void open() {
        System.out.println("Opening Word document...");
    }
}

class PdfDocument extends Document {
    public void open() {
        System.out.println("Opening PDF document...");
    }
}

class ExcelDocument extends Document {
    public void open() {
        System.out.println("Opening Excel document...");
    }
}

// Factory Abstract Class
abstract class DocumentFactory {
    public abstract Document createDocument();
}

// Concrete Factories
class WordDocumentFactory extends DocumentFactory {
    public Document createDocument() {
        return new WordDocument();
    }
}

class PdfDocumentFactory extends DocumentFactory {
```

```java
    public Document createDocument() {
        return new PdfDocument();
    }
}

class ExcelDocumentFactory extends DocumentFactory {
    public Document createDocument() {
        return new ExcelDocument();
    }
}

// Test Class
public class Main {
    public static void main(String[] args) {
        DocumentFactory wordFactory = new WordDocumentFactory();
        Document wordDoc = wordFactory.createDocument();
        wordDoc.open();

        DocumentFactory pdfFactory = new PdfDocumentFactory();
        Document pdfDoc = pdfFactory.createDocument();
        pdfDoc.open();

        DocumentFactory excelFactory = new ExcelDocumentFactory();
        Document excelDoc = excelFactory.createDocument();
        excelDoc.open();
    }
}
```

```
// File: FactoryMethodPatternExample.java

abstract class Document {
```

input

Opening Word document...
Opening PDF document...
Opening Excel document...

...Program finished with exit code 0
Press ENTER to exit console.