public class TestFactoryMethod {

public static void main(String[] args) {

// Create a factory for Word documents

DocumentFactory wordFactory = new WordDocumentFactory();

Document wordDoc = wordFactory.createDocument();

wordDoc.open();

wordDoc.close();

// Create a factory for PDF documents

DocumentFactory pdfFactory = new PdfDocumentFactory();

Document pdfDoc = pdfFactory.createDocument();

pdfDoc.open();

pdfDoc.close();

// Create a factory for Excel documents

DocumentFactory excelFactory = new ExcelDocumentFactory();

Document excelDoc = excelFactory.createDocument();

excelDoc.open();

excelDoc.close();

}

}