

```
package chapter15;
```

```
// http://www.coderanch.com/mobile/t/410208/java/java/java-printing-printing-pdf?foo=a
```

```
// PrintTestEx1.java
```

```
import java.io.*;
```

```
import javax.print.*;
```

```
import javax.print.attribute.*;
```

```
public class PrintTestEx1{
```

```
    public static void main(String args[]){
```

```
        FileInputStream psStream = null;
```

```
        try {
```

```
            psStream = new FileInputStream("test.pdf");
```

```
        } catch (FileNotFoundException ffne) {
```

```
            ffne.printStackTrace();
```

```
        }
```

```
        if (psStream == null) {
```

```
            return;
```

```
        }
```

```
        DocFlavor psInFormat = DocFlavor.INPUT_STREAM.AUTODetect;
```

```
        Doc myDoc = new SimpleDoc(psStream, psInFormat, null);
```

```
        PrintRequestAttributeSet aset = new HashPrintRequestAttributeSet();
```

```
        PrintService[] services = PrintServiceLookup.lookupPrintServices(psInFormat, aset);
```

```
        // this step is necessary because I have several printers configured
```

```
        PrintService myPrinter = null;
```

```
        for (int i = 0; i < services.length; i++){
```

```

        String svcName = services[i].toString();
        System.out.println("Service found: "+svcName);
        if (svcName.contains("My local printer name")){
            myPrinter = services[i];
            System.out.println("my printer found: "+svcName);
            break;
        }
    }

    if (myPrinter != null) {
        DocPrintJob job = myPrinter.createPrintJob();
        try {
            job.print(myDoc, aset);

        }
        catch (Exception pe) {pe.printStackTrace();}
    }
    else {
        System.out.println("No printer services found" );
    }
}
}

```