

```
// Target Interface

interface Printer {

    void print(String message);

}


// Adaptee (legacy system)

class LegacyPrinter {

    void printMessage(String message) {

        System.out.println("Legacy Printer: " + message);

    }

}


// Adapter

class PrinterAdapter implements Printer {

    private LegacyPrinter legacyPrinter;

    public PrinterAdapter(LegacyPrinter legacyPrinter) {

        this.legacyPrinter = legacyPrinter;

    }

    @Override

    public void print(String message) {

        legacyPrinter.printMessage(message);

    }

}
```

```
// Client code

public class AdapterPatternDemo {

    public static void main(String[] args) {

        LegacyPrinter legacyPrinter = new LegacyPrinter();

        Printer printer = new PrinterAdapter(legacyPrinter);

        printer.print("Hello, World!"); // Output: Legacy Printer: Hello, World!

    }

}
```