```java
package model;

import data.Database;

import java.util.List;

/**
 * This class is the parent class for the three payment methods, namely
     CreditCard,
 * Cash and MobilePay.
 *
 */
public class Payment {
    private String bookingRef, method;
    private int amount, id;
    private static int counter;

    /**
     * Database Constructor
     *
     * @param newId ID of the payment
     * @param newBookingRef Reference to a (unique) Booking
     * @param newAmount Amount of the payment
     * @param newMethod Method of the payment
     */
    public Payment(int newId, String newBookingRef, int newAmount, String
        newMethod) {
        id              = newId;
        bookingRef      = newBookingRef;
        amount          = newAmount;
        method          = newMethod;
        counter++;
    }

    /**
     * In-App Constructor
     *
     * @param newBookingRef Reference to a (unique) Booking
     * @param newAmount Amount of the payment
     */
    public Payment(String newBookingRef, int newAmount) {
        id              = ++counter;
        bookingRef      = newBookingRef;
        amount          = newAmount;
        method          = null;
    }

    /**
     * Write a line to the database
     */
    public void toDB() {
        Database.write("payments", this.id+";"+this.bookingRef+";"+this.
            amount+";"+this.method+";;; ");
    }

    // Start getter
    public int getId() {
        return this.id;
    }
```

```java
    public String getBookingRef() {
        return this.bookingRef;
    }

    public int getAmount() {
        return this.amount;
    }

    public String getMethod() {
        return this.method;
    }
    // End getter

    /**
     * Set payment method method
     * @param paymentMethod Payment Method as String (credit card, cash, or
        mobile pay)
     */
    public void setMethod(String paymentMethod) {
        this.method = paymentMethod;
    }

    // Start print methods
    public static String printTableHeader() {
        return String.format("\t  | %-18s | %-8s | %-15s | %-9s | %-10s |\n"
            ,
                "Booking Reference", "Amount", "Payment Method", "Last Four"
                    , "Mobile Phone");
    }

    public static String printLine(Payment payment) {
        return String.format("\t  | %-18s | %-8s |\n",
            payment.getBookingRef(), payment.getAmount()/100.0);
    }

    public String printLine() {
        return String.format("\t  | %-18s | %-8s |\n",
            this.getBookingRef(), this.getAmount()/100.0);
    }

    public static String toString(List<Payment> payments) {
        String out = String.format("\n\n\tPAYMENTS:\n");
        out += printTableHeader();
        for ( Payment payment : payments ) {
            out += printLine(payment);
        }
        return out;
    }

    public String toString() {
        String out = String.format("\n\n\tPAYMENT:\n");
        out += printTableHeader();
        out += printLine(this);
        return out;
    }
    // End print methods

    /**
     * Report methods printing all payments in the database.
     */
```

```java
    public static String report() {
        String out = String.format("\n\n\tPAYMENTS:\n");
        out += printTableHeader();
        for ( Payment payment : Database.getPayments() ) {
            out += payment.printLine();
        }
        return out;
    }
}
```