Program based on Interface to Interface

```java
// Define the MedicalCheckup interface
interface MedicalCheckup {
    void recordTemperature(double temperature);
    void recordBloodPressure(int systolic, int diastolic);
}

// Define the Billing interface
interface Billing {
    double calculateConsultationFee();
    double calculateMedicationCost();
}

// Implement the interfaces in a class called PatientRecord
class PatientRecord implements MedicalCheckup, Billing {
    private double temperature;
    private int systolicPressure;
    private int diastolicPressure;

    // Implement methods from MedicalCheckup interface
    @Override
    public void recordTemperature(double temperature) {
        this.temperature = temperature;
        System.out.println("Temperature recorded: " + temperature + " °C");
    }

    @Override
    public void recordBloodPressure(int systolic, int diastolic) {
        this.systolicPressure = systolic;
        this.diastolicPressure = diastolic;
        System.out.println("Blood Pressure recorded: " + systolic + "/" + diastolic + " mmHg");
    }
```

```java
    // Implement methods from Billing interface
    @Override
    public double calculateConsultationFee() {
        // Assume a fixed consultation fee, e.g., $50
        return 50.0;
    }

    @Override
    public double calculateMedicationCost() {
        // Assume a fixed cost per medication, e.g., $10 per medication
        int numberOfMedications = 2; // Example: Patient took 2 medications
        return numberOfMedications * 10.0;
    }

    // Additional method to display the patient's record
    public void displayPatientRecord() {
        System.out.println("\nPatient Record:");
        System.out.println("Temperature: " + temperature + " °C");
        System.out.println("Blood Pressure: " + systolicPressure + "/" +
diastolicPressure + " mmHg");
        System.out.println("Consultation Fee: $" + calculateConsultationFee());
        System.out.println("Medication Cost: $" + calculateMedicationCost());
    }
}

// Main class to test the implementation
public class MedicalBillingInterface {
    public static void main(String[] args) {
        // Create an instance of PatientRecord
        PatientRecord patient = new PatientRecord();

        // Record medical data
        patient.recordTemperature(98.6);
        patient.recordBloodPressure(120, 80);
```

```
        // Display the patient's record with billing information
        patient.displayPatientRecord();
    }
}
```