

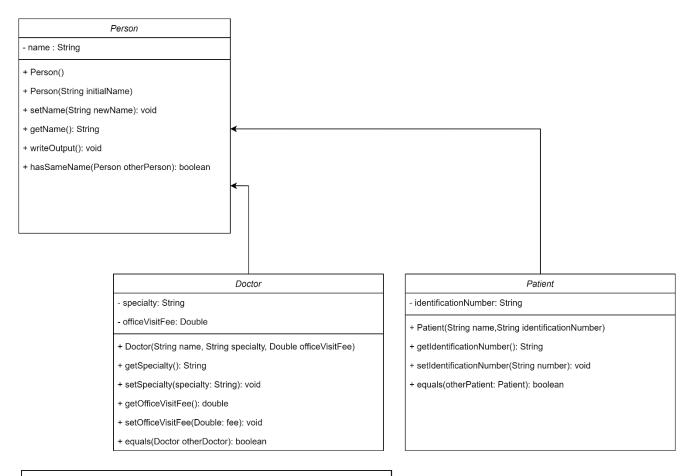
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## LE 6.1 Drawable Shape

## DrawableShape - centerX : int - centerY: int - color : String + DrawableShape() + getCenterX(): int + getCenterY(): int + setCenterX(int newCenterX): void + setCenterY(int newCenterY): void + setColor(int newColor): void + move(int dx, int dy): void Square - length: int + Square(length: int) + getLength(): int + setLength(int newLength): void + getArea(): Double + readInput(): void + writeOutput( ): void



## LE 6.2 Patient-Billing



## Billing

- patient: Patient

- doctor: Doctor

- amountCharged: double

+ Billing(Patient patient, Doctor doctor, Double amountCharged)

+ getPatient(): Patient

+ getDoctor(): Doctor

+ getAmountCharged(): double

+ equals(Billing otherBilling): boolean

+ calculateTotalIncome(Billing[] billings): Double