Problem 1 UML Diagram:

Problem 2 UML Diagram:

```
                        Bond
        -coupon: double
        -numOfPayments: int
        - interest: double
        - valueMaturity: double
    + setcoupon(): void
    + getcoupon(): double
    + setnumofPayments(): void
    + getnumOfPayments(): int
    + setinterest(): void
    + getinterest(): double
    + setvalueMaturity(): void
    + getvalueMaturity(): double
    + getPrice(): double
```