## **PaperPublication**

#price: Dollars

#number\_of\_pages: Integer

+setPrice(price : Double)

+getPrice(): Double

+setNumber\_of\_pages(number\_of\_pages : Integer)

+getNumber\_of\_pages() : Integer

+toString(): String

+equals(Object publication) : Boolean

## Magazine

#paperQuality: Enumeration

#issuingFrequency: Enumeration

+getPaperQuality() : String

+setPaperQuality(paperQuality : Enumeration)

+getIssuingFrequency(): String

+setIssuingFrequency(issuingFrequency: Enumeration)

+toString(): String

+equals(Object magazine) : Boolean

# Book

#isbn: Long

#issueYear: Integer

#title: String

#authorname: String

+getisbn(): Long

+setisbn(isbn : Long)

+getIssueYear() : Integer

+setissueYear(issueYear : Integer)

+gettitle(): String

+settitle(title : String)

+getauthorname(): String

+setauthorname(authorname: String)

+toString(): String

+equals(Object book): Boolean

#### Journal

#issue\_number: Integer

#specialty\_field: String

+getIssue(): Integer

+setIssue(issue\_number : Integer)

+getSpecialty(): String

+setSpecialty(specialty\_field : String)

+toString(): String

 $+equals(Object\ journal): Boolean$ 

### ChildrenBook

#min\_age: Integer

+getMin\_age(): Integer

+setMin\_age(min\_age : Integer)

+toString(): String

+equals( Object childrenbook)

#### **EducationBook**

editionNum: Integer

specialty\_field: String

getEditionNum()

setEditionNum

getSpecialtyField

setSpecialtyField

toString(): String

equals(Object educationbook) : Boolean