@Entity

@Table(name = "BOOK") public class Book {

@Id

@GeneratedValue(strategy = GenerationType.AUTO) @Column(name = "book\_id")

private int bookId; @Column(name = "title") private String title; @Column(name = "page\_no") private int pageNo;

public int getBookId() { return bookId;

}

public void setBookId(int bookId) { this.bookId = bookId;

}

public String getTitle() { return title;

}

public void setTitle(String title) { this.title = title;

}

public int getPageNo() { return pageNo;

}

public void setPageNo(int pageNo) { this.pageNo = pageNo;

}

public Set<Author> getAuthors() { return authors;

}

public void setAuthors(Set<Author> authors) { this.authors = authors;

}

@ManyToMany(cascade = CascadeType.ALL) @JoinTable(name = "BOOK\_AUTHOR",

joinColumns = {

@JoinColumn(name = "book\_id") },

inverseJoinColumns = { @JoinColumn(name = "author\_id")

} )

private Set<Author> authors;

}

//........................................................................

@Entity

@Table(name = "Author") public class Author {

@Id

@GeneratedValue(strategy = GenerationType.AUTO) @Column(name = "author\_id")

private int authorId; @Column(name = "name") private String name;

public int getAuthorId() { return authorId;

}

public void setAuthorId(int authorId) { this.authorId = authorId;

}

public String getName() { return name;

}

public void setName(String name) { this.name = name;

}

public Set<Book> getBooks() { return books;

}

public void setBooks(Set<Book> books) { this.books = books;

}

@ManyToMany(cascade = CascadeType.ALL, mappedBy = "authors") private Set<Book> books;

}

//....................................................................

@Entity @Table(name="book") public class Book{

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY) @Column(name="book\_id")

private int bookId;

@Column(name = "title") private String title;

@Column(name = "page\_no") private int pageNo;

@OneToOne(cascade = CascadeType.ALL) @JoinColumn(name = "isbn\_id") private Isbn isbn;

}

//............................................................

@Entity

@Table(name = "isbn") public class Isbn {

@Id

@Column(name = "isbn\_id")

@GeneratedValue(strategy = GenerationType.IDENTITY) private int isbnId;

@Column(name = "isbn\_number") private String isbnNumber;

@Column(name = "date\_issued") private Date dateIssued;

}