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package queries;

import java.util.Set;

import javax.persistence.Column;
import javax.persistence.Entity;
import javax.persistence.FetchType;
import javax.persistence.GeneratedValue;
import javax.persistence.GenerationType;
import javax.persistence.Id;
import javax.persistence.JoinColumn;
import javax.persistence.JoinTable;
import javax.persistence.ManyToMany;
import javax.persistence.ManyToOne;
import javax.persistence.NamedQuery;
import javax.persistence.Table;

@Entity
@Table(name = "titles")
@NamedQuery(name = "CostlyTitles", query = "from Title where price > 15")
public class Title {
    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    @Column(name = "title_id")
    private String id;

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

    @Column(name = "price")
    private Double price;

    public Double getPrice() {
        return price;
    }

    public void setPrice(Double price) {
        this.price = price;
    }

    public Publisher getPublisher() {
        return publisher;
    }

    public void setPublisher(Publisher publisher) {
        this.publisher = publisher;
    }

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

    @ManyToOne(fetch = FetchType.LAZY)
    @JoinColumn(name="pub_id")
    private Publisher publisher;

    @ManyToMany
    @JoinTable(
        name = "titleauthor",
        joinColumns = @JoinColumn(name = "title_id"),
        inverseJoinColumns = @JoinColumn(name = "au_id"))
    Set<Author> authors;

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

    public String getId() {
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        return id;
    }

    public void setId(String id) {
        this.id = id;
    }

    public String getTitle() {
        return title;
    }

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

    @Override
    public String toString() {
        return String.format("%s - %s - %f", this.id, this.title, this.price == null ? 0 : this.price);
    }
}
```