

```
public class Book {
    protected String title;
    protected String author;

    public Book(String title, String author) {
        this.title = title;
        this.author = author;
    }

    public String getTitle() {
        return title;
    }

    public String getAuthor() {
        return author;
    }

    public String toString() {
        return "Title: " + title + ", Author: " + author;
    }
}
```

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```
public class AudioBook extends Book {
    private int duration;
    private String narrator;

    public AudioBook(String title, String author, int duration, String narrator) {
        super(title, author);
        this.duration = duration;
        this.narrator = narrator;
    }

    public int getDuration() {
        return duration;
    }

    public String getNarrator() {
        return narrator;
    }

    public String toString() {
        return super.toString() + ", Format: Audio, Duration: " + duration + ",
Narrator: " + narrator;
    }
}
```

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```
public class WrittenBook extends Book {
    protected int nPages;

    public WrittenBook(String title, String author, int nPages) {
        super(title, author);
        this.nPages = nPages;
    }

    public int getNPages() {
        return nPages;
    }

    public String toString() {
        return super.toString() + ", Format: Written, Number of pages: " +
nPages;
    }
}
```

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```
public class PrintedBook extends WrittenBook {
    private int ISBN;
    private boolean hardcover;

    public PrintedBook(String title, String author, int nPages, int ISBN, boolean
hardcover) {
        super(title, author, nPages);
        this.ISBN = ISBN;
        this.hardcover = hardcover;
    }

    public PrintedBook(String title, String author, int nPages) {
        this(title, author, nPages, 0, false);
    }

    public int getISBN() {
        return ISBN;
    }

    public String getCoverType() {
        return hardcover ? "Hardcover" : "Paperback";
    }

    public String toString() {
        return super.toString() + ", printed, ISBN: " + ISBN + ", " +
getCoverType();
    }
}
```

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```
public class Ebook extends WrittenBook {
    private int size;

    public Ebook(String title, String author, int nPages, int size) {
        super(title, author, nPages);
        this.size = size;
    }

    public int getSize() {
        return size;
    }

    public PrintedBook print() {
        return new PrintedBook(title, author, nPages);
    }

    public String toString() {
        return super.toString() + ", ebook, size: " + size + "MB";
    }
}
```