

**Solution:**

```
class Book{
    protected String title;
    protected String author;
    public Book(String ti, String au){
        title = ti;
        author = au;
    }
    public String getTitle(){
        return title;
    }
    public String getAuthor(){
        return author;
    }
}

////////////////////////////////////

class AudioBook extends Book{
    private int duration;
    private String narrator;
    public AudioBook(String ti, String au, int du, String na){
        super(ti, au);
        duration = du;
        narrator = na;
    }
    public int getDuration(){
        return duration;
    }
    public String getNarrator(){
        return narrator;
    }
}

////////////////////////////////////

class WrittenBook extends Book{
    protected int nPages;
    public WrittenBook(String ti, String au, int np){
        super(ti, au);
        nPages = np;
    }
    public int getNPages(){
        return nPages;
    }
}
```

```

class PrintedBook extends WrittenBook{
    private int isbn;
    private boolean hardCover;
    public PrintedBook(int isbn,String ti,String au,int np,boolean hc){
        super(ti, au, np);
        this.isbn = isbn;
        hardCover = hc;
    }
    public PrintedBook(String ti,String au,int np){
        this(0, ti, au, np, false);
    }
    public int getIsbn(){
        return isbn;
    }
    public String getCoverType(){
        return hardCover? "Hardcover":"Paperback";
    }
}

```

////////////////////////////////////

```

class EBook extends WrittenBook{
    private int size;
    public EBook(String ti, String au, int np, int si){
        super(ti, au, np);
        size = si;
    }
    public int getSize(){
        return size;
    }
    public PrintedBook print(){
        PrintedBook pb;
        pb = new PrintedBook(title, author, nPages);
        return pb;
    }
}

```