**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;

}

}

**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;

}

}

**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;

}

}

**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();

}

}

**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";

}

}