**package** oop1;

**class** Publication {

String title;

**double** price;

**int** copies;

**public** Publication(String title, **double** price, **int** copies) {

**this**.title = title;

**this**.price = price;

**this**.copies = copies;

}

**public** **double** saleCopy() {//non abstract method

**return** price \* copies;

}

**void** displayDetails(){

System.***out***.println("Book: " + title + " Copies: " + copies);

}

}

**class** Book **extends** Publication {

String author;

**public** Book(String title, **double** price, **int** copies, String author) {

**super**(title, price, copies);

**this**.author = author;

}

**void** orderCopies(**int** order) {

copies += order;

System.***out***.println("Ordered " + order + " copies of " + title);

}

@Override

**void** displayDetails() {

System.***out***.println("Book: " + title + ", Author: " + author + ", Copies: " + copies);

}

}

**class** Magazine **extends** Publication {

String currentIssue;

**public** Magazine(String title, **double** price, **int** copies, String currentIssue) {

**super**(title, price, copies);

**this**.currentIssue = currentIssue;

}

**void** orderQty(**int** qty) {

copies += qty;

System.***out***.println("Ordered " + qty + " copies of " + title);

}

**void** receiveIssue(**int** qty) {

copies += qty;

System.***out***.println("Received " + qty + " copies of " + title);

}

@Override

**void** displayDetails() {

System.***out***.println("Magazine: " + title + ", Current Issue: " + currentIssue + ", Copies: " + copies);

}

}

**public** **class** Main {

**public** **static** **void** main(String[] args) {

Book book = **new** Book("Java Programming", 300, 10, "James Gosling");

Magazine magazine = **new** Magazine("Tech Monthly", 50, 100, "Nov 2024");

book.orderCopies(5);

magazine.orderQty(20);

**double** totalSale = book.saleCopy() + magazine.saleCopy();

System.***out***.println("Total Sale: " + totalSale);

book.displayDetails();

magazine.displayDetails();

}

}