**Problem 1: Product Price Management System**

Develop a Java program to efficiently manage and display a list of products along with their prices. Create a class named **Product** with the following attributes:

1. **name** - String
2. **price** - double

The attributes should be declared as private, and appropriate getter/setter methods should be provided. Include both default and parameterized constructors for creating Product objects.

The program should display the products in **ascending order** of their prices using the Comparable interface for natural ordering.

**Input format:**

* An integer n represents the number of products.
* Each product is provided with its name (a string containing alphanumeric characters) followed by its price (a double value, which could be a decimal or integer).

**Output format:**

* Display the products in ascending order of their prices. The format should display the product's name followed by its price.

**Sample Test Cases:**

**Input 1:**

4

Laptop 899.99

Phone 499.50

Tablet 299.99

Smartwatch 199.75

**Output 1:**

Smartwatch 199.75

Tablet 299.99

Phone 499.5

Laptop 899.99

**Input 2:**

3

TV 1199.99

Refrigerator 799.50

WashingMachine 499.99

**Output 2:**

WashingMachine 499.99

Refrigerator 799.5

TV 1199.99

**Problem 2: Book Library System**

Create a Java program to manage a library of books. Define a class **Book** with the following attributes:

1. **title** - String
2. **price** - double

The attributes should be private, and you should include appropriate getter/setter methods. Also, provide both default and parameterized constructors.

The program should display the books in **descending order** of their price using the Comparable interface for natural ordering.

**Input format:**

* An integer n (1 <= n <= 100) represents the number of books.
* Each book is provided with its title (a string) followed by its price (a floating-point number).

**Output format:**

* Display the books in descending order of their price. Each line should show the book's title followed by its price.

**Sample Test Cases:**

**Input 1:**

4

WarAndPeace 20.50

TheGreatGatsby 15.99

MobyDick 18.25

1984 12.99

**Output 1:**

WarAndPeace 20.5

MobyDick 18.25

TheGreatGatsby 15.99

1984 12.99

**Input 2:**

3

TheCatcherInTheRye 10.99

PrideAndPrejudice 8.99

ToKillAMockingbird 12.49

**Output 2:**

ToKillAMockingbird 12.49

TheCatcherInTheRye 10.99

PrideAndPrejudice 8.99