**Task**   
Given a *Book* class and a *Solution* class, write a *MyBook* class that does the following:

* Inherits from *Book*
* Has a parameterized constructor taking these  parameters:
  1. string
  2. string
  3. int
* Implements the *Book* class' abstract *display()* method so it prints these  lines:
  1. , a space, and then the current instance's .
  2. , a space, and then the current instance's .
  3. , a space, and then the current instance's .

**Note:** Because these classes are being written in the same file, you must not use an access modifier (e.g.: ) when declaring *MyBook* or your code will not execute.

**Input Format**

You are not responsible for reading any input from stdin. The *Solution* class creates a *Book* object and calls the *MyBook* class constructor (passing it the necessary arguments). It then calls the *display* method on the *Book* object.

**Output Format**

The  method should print and label the respective , , and  of the *MyBook*object's instance (with each value on its own line) like so:

Title: $title

Author: $author

Price: $price

**Note:** The  is prepended to variable names to indicate they are placeholders for variables.

**Sample Input**

The following input from stdin is handled by the locked stub code in your editor:

The Alchemist

Paulo Coelho

248

**Sample Output**

The following output is printed by your *display()* method:

Title: The Alchemist

Author: Paulo Coelho

Price: 248

import java.util.\*;

abstract class Book {

String title;

String author;

Book(String title, String author) {

this.title = title;

this.author = author;

}

abstract void display();

}

// Declare your class here. Do not use the 'public' access modifier.

// Declare the price instance variable

class MyBook extends Book

{

int price;

MyBook(String bookTitle,String bookAuthor,int bookPrice)

{

super(bookTitle,bookAuthor);

this.price = bookPrice;

}

void display()

{

System.out.println("Title: "+title);

System.out.println("Author: "+author);

System.out.println("Price: "+this.price);

}

}

/\*\*

\* Class Constructor

\*

\* @param title The book's title.

\* @param author The book's author.

\* @param price The book's price.

\*\*/

// Write your constructor here

/\*\*

\* Method Name: display

\*

\* Print the title, author, and price in the specified format.

\*\*/

// Write your method here

// End class

public class Solution {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

String title = scanner.nextLine();

String author = scanner.nextLine();

int price = scanner.nextInt();

scanner.close();

Book book = new MyBook(title, author, price);

book.display();

}

}