Java Abstract Class

A Java abstract class is a class that can't be instantiated. That means you cannot create new instances of an abstract class. It works as a base for subclasses. You should learn about Java Inheritance before attempting this challenge.

Following is an example of abstract class:

```
abstract class Book{
    String title;
    abstract void setTitle(String s);
    String getTitle(){
        return title;
    }
}
```

If you try to create an instance of this class like the following line you will get an error:

```
Book new_novel=new Book();
```

You have to create another class that extends the abstract class. Then you can create an instance of the new class.

Notice that setTitle method is abstract too and has no body. That means you must implement the body of that method in the child class.

In the editor, we have provided the abstract Book class and a Main class. In the Main class, we created an instance of a class called MyBook. Your task is to write just the MyBook class.

Your class mustn't be public.

Sample Input

```
A tale of two cities
```

Sample Output

```
The title is: A tale of two cities
```

Author Shafaet
Difficulty Easy
Max Score 10
Submitted By 223458

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```java
import java.util.*;
abstract class Book{
    String title;
    abstract void setTitle(String s);
    String getTitle(){
        return title;
    }
}

//Write MyBook class here
class MyBook extends Book {
    @Override
    void setTitle(String s) {
        title = s; // Set the title in the Book's 'title' field
    }
}

public class Main{

    public static void main(String []args){
        //Book new_novel=new Book(); This line prHMain.java:25:
error: Book is abstract; cannot be instantiated
        Scanner sc=new Scanner(System.in);
        String title=sc.nextLine();
        MyBook new_novel=new MyBook();
        new_novel.setTitle(title);
        System.out.println("The title is: "+new_novel.getTitle());
        sc.close();

    }
}
```

Line: 16 Col: 2

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67% 70/80

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You solved this challenge. Would you like to challenge your friends?

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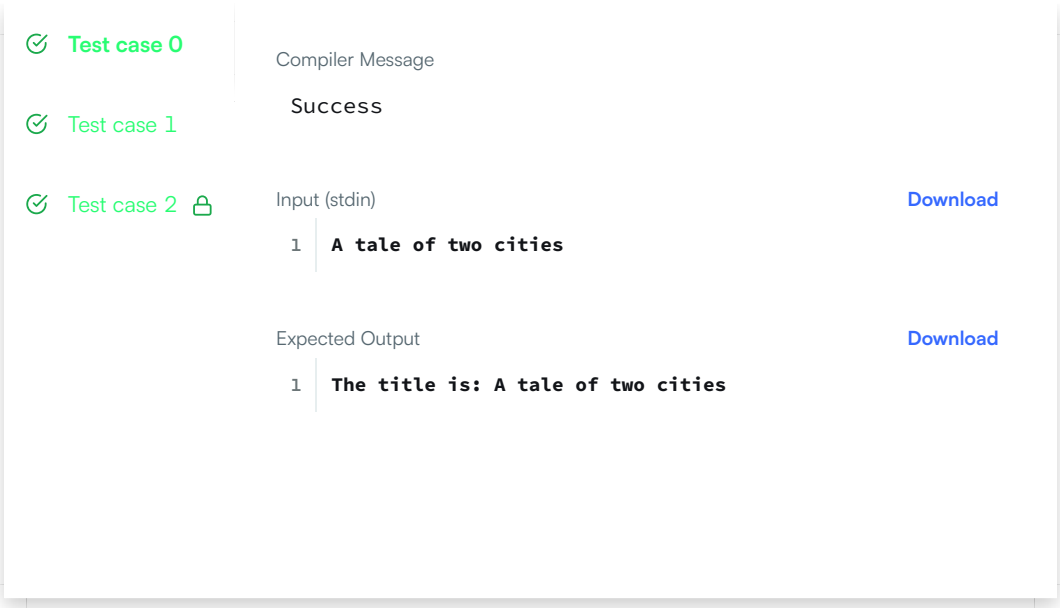
Test case 0
Test case 1
Test case 2
Compiler Message
Success
Input (stdin)
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1 A tale of two cities
Expected Output
Download
1 The title is: A tale of two cities