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Branch - CBA , Batch - 31

OOP Practical 12

Problem : A library management software is to be designed to ease the fetching of books based on their title present within the library. Implement complete abstraction through interface and abstract class:
i. Abstract class Book to assign a title through parameters
ii. Interface TitleBook to fetch a title
iii. MyBook to override the abstract functions

Program :

```java
package Hare_Krishna;
import java.util.Scanner;


abstract class Book
{
    String title;
    abstract void setTitle(String b);
}


interface TitleBook
{
    void setTitle(String tb);
    public String getTitle();
}
```

```java
class MyBook extends Book implements TitleBook
{
    public void setTitle(String mb)
    {
        title = mb;
    }
    public String getTitle()
    {
        return title;
    }
}
public class Prac_12
{
    public static void main(String... s)
    {
        Scanner scnr = new Scanner(System.in);
        System.out.print("\nEnter title of the book : ");
        String twelve = scnr.nextLine();
        MyBook mb1 = new MyBook();
        mb1.setTitle(twelve);
```
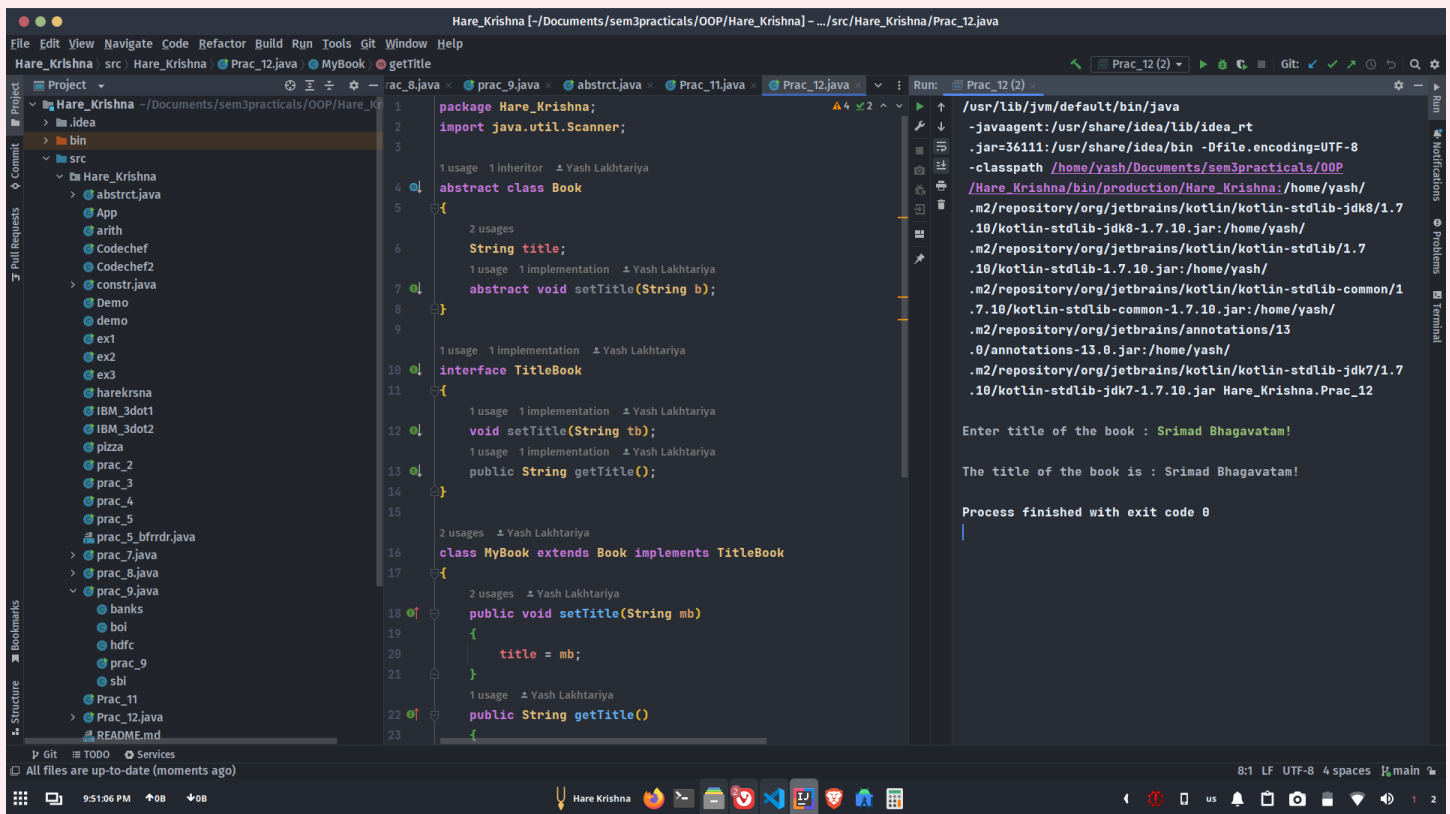
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```java
        System.out.print("\nThe title of the book is : " +
mb1.getTitle() + "\n");
    }
}
```

Output :