

Institute of Computer Technology
B. Tech Computer Science and Engineering
Subject: OOP (2CSE303)

PRACTICAL-14

AIM: - 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

SOLUTION

```
import java.util.*;
```

```
abstract class Book
{
    abstract String title(String name);
}
```

```
interface TitleBook
{
    String TitleBook();
}
```

```
class MyBook extends Book implements TitleBook
{
    String n;
    @Override
    public String TitleBook()
    {
        Scanner yash=new Scanner(System.in);
        n=yash.nextLine();
        return n;
    }
    @Override
    String title(String y)
    {
        return y;
    }
}
```

```
public class p14
{
```

```
public static void main(String[] args)
{
    String s;
    MyBook obj=new MyBook();
    s=obj.TitleBook();
    System.out.println("The title is: "+obj.title(s));
}
}
```

OUTPUT

