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();

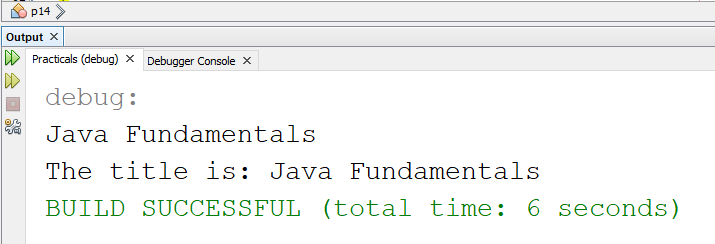
s=obj.TitleBook();

System.out.println("The title is: "+obj.title(s));

}

}

***OUTPUT***

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