

## WEEK 3 OOJ LAB

### BOOK DETAILS

SOURCE CODE:

```
import java.util.*;

class book{

String name;

String author;

int price;

int num_pages;

book(){

name="RAM";

author=" SHYAM";

price=10;

num_pages=5;

}

void set(){

System.out.println("ENTER THE NAME OF THE BOOK");

Scanner sc=new Scanner(System.in);

name=sc.nextLine();

System.out.println("ENTER THE AUTHOR");

author=sc.nextLine();

System.out.println("ENTER THE PRICE");

price=sc.nextInt();

System.out.println("ENTER THE NUMBER OF PAGES");

num_pages=sc.nextInt();

}

public String toString(){

return("NAME OF THE BOOK : "+name+"\n"+"AUTHOR : "+author+"\n"+"PRICE : "+price+"\n"+"NUMBER OF PAGES"+num_pages);

}

}
```

```
class bookDetails{  
    public static void main(String args[]){  
        int n;  
        System.out.println("ENTER THE NUMBER OF BOOKS");  
        Scanner vb=new Scanner(System.in);  
        n=vb.nextInt();  
        book b1[]=new book[n];  
        for(int i=0;i<n;i++){  
            b1[i]=new book();  
            b1[i].set();  
        }  
        for(int i=0;i<n;i++){  
            System.out.println("DETAILS OF BOOK "+(i+1));  
            System.out.println(b1[i]);  
        }  
    }  
}
```

OUTPUT:

CA: Command Prompt

```
ENTER THE NUMBER OF BOOKS
2
ENTER THE NAME OF THE BOOK
The murder on the orient express
ENTER THE AUTHOR
agatha christie
ENTER THE PRICE
500
ENTER THE NUMBER OF PAGES
250
ENTER THE NAME OF THE BOOK
james bond
ENTER THE AUTHOR
arthur conan
ENTER THE PRICE
400
ENTER THE NUMBER OF PAGES
172
DETAILS OF BOOK 1
NAME OF THE BOOK : The murder on the orient express
AUTHOR : agatha christie
PRICE : 500
NUMBER OF PAGES250
DETAILS OF BOOK 2
NAME OF THE BOOK : james bond
AUTHOR : arthur conan
PRICE : 400
NUMBER OF PAGES172

C:\Users\Admin\Desktop\1BM21CS247>
```