LAB-3

Create a class Book with 4 members name, author, price, num-pages. Inside a constructor set values of members. Include the methods of get, set and toString() method to display.

```
import java.util.*;
class Book
{
private String name;
private string author;
private int price;
private num-pages;

public Book (String name, String author, int price,
                num_pages)
{
 this.name = name;
this. author = author;
this. price = price;
this. num-pages = num-pages;
}

String getName()
{
  return name;
}

String getAuthor()
  {
  }return author;

int getPrice()
  {
  }return price;

  int getNum-Pages()
  {
    return num-pages;
```

```
void setName (String name)
{
    this.name = name;
}
void setAuthor (String author)
{
    this.author = author;
}
void setPrice (int price)
{
    this.price = price;
}
void setNum-pages (int num-pages)
{
    this.num-pages = num-pages;
}

@Override
String toString () {
return "Name: " + name + "Author :" + author +
        "Price of book:" + price + "Number of
        pages :" + num-pages ;
}

public class Main{
public static void main (String args[])
Scanner sc=new Scanner (System.in);
System.out.println ("Enter no. of books");
int n = sc.nextInt();
Book [] b = new Book[n];

~~Syste~~
for (int i=0 ; i<n; i++)
{
System.out.println ("Enter name of book:");
String Name = sc.nextLine();
```

```
System.out.println("Enter name of author: ");
String Author = sc.nextLine();
System.out.println("Enter price of book:");
int Price = sc.nextInt();
System.out.println("Enter number of pages: ");
int Num-pages = sc.nextInt();
Book[i] = new Book(name, author, price, pa
b.setName();
b.setAuthor();
b.setPrice();
b.setNum-pages();
b.toString();
}
```

Output:

```
enter no. of books:
2
enter name of book:
abcd
enter name of author:
efg
price of book:
345
number of pages:
256
enter name of book:
enter name of author:
ewgh
price of book:
567
number of pages:
890
```

Book 1:

Book: abcd
Author: efg
Price: 345
Number of pages: 256

Book 2:

Book:
Author: ewgh
Price: 567
Number of pages: 890