

Lab Program 3

Create a class book which contains four members: name, author, price, num-pages. Include a constructor to set the values for the members. Include methods to set and get the details of the objects. Include a toString() method that could display the complete details of the book. Develop a Java program to create a book objects.

```
import java.util.*;
import java.lang.*;
class Main
{
    String name;
    String author;
    double price;
    int num_pages;
    void getdetails()
    {
```

```
Scanner x = new Scanner(System.in);
System.out.println("Enter book Details");
System.out.println("Enter book name");
name = x.next();
System.out.println("Enter the Author");
author = x.next();
System.out.println("Enter the price of the book");
num_pages price = x.nextDouble();
System.out.println("Enter the number of pages in the book");
```



```
num_pages = x.nextInt();  
}
```

```
public String toString()  
{
```

```
return("BOOK DETAILS* " + "In The name of the  
book: " + name + "In The author of the book: " + author  
In The price of the book: " + price + "In Number of  
pages in book: " + num_pages);  
}
```

```
}  
  
class Main  
{
```

```
public static void main(String[] args)  
{
```

```
int i, n;
```

```
Scanner x = new Scanner(System.in);
```

```
System.out.println("Enter the number of books");
```

```
n = x.nextInt();
```

```
Main1 b[] = new Main1[n];
```

```
for(i=0; i<n; i++)  
{
```

```
    b[i] = new Main1(i);
```

```
    b[i].getDetails();  
}
```

```
for(i=0; i<n; i++)  
{
```

```
    b[i].toString();  
}
```

```
System.out.println(b[i]);  
}
```

```
for(i=0; i<n; i++)  
{
```

```
    b[i].toString();  
}
```

```
for(i=0; i<n; i++)  
{
```

```
    b[i].toString();  
}
```

```
for(i=0; i<n; i++)  
{
```

```
    b[i].toString();  
}
```