

## Lab-3

- Q. Write a program to create a class book which contains 4 members: name, author, price num-pages. Include a toString() method:

```
import java.util.Scanner;  
class Book  
{
```

```
    String name;  
    String author;  
    int price;  
    int num-pages;
```

```
    Book()  
    {  
    }  
    Book(Strings name, String author, int price, int num-
```

```
        pages)  
    {
```

```
        this.name = name;  
        this.author = author;  
        this.price = price;  
        this.num-pages = num pages;  
    }
```

```
    void accept()  
    {
```

```
        Scanner s = new Scanner(System.in)  
        System.out.println("Enter the name of the book")  
        name = s.next();  
    }
```

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```
        System.out.println("Enter the author of the book");
        author = s.next();
        System.out.println("Enter the price of the book");
        price = s.nextInt();
        System.out.println("Enter the number of pages:");
        num-pages = s.nextInt();
    }
    public String toString()
    {
        return ("Name: " + name + "\n" + "Author: " + author
            + "\n" + "Price: " + price + "\n" + "Number of
            pages: " + num-pages);
    }
}
```

```
Class Main
{
```

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

```
        Scanner a = new Scanner(System.in)
        Book b1 = newbook("Methua", "Anish", 414, 345)
        System.out.println("Constructor values: \n" + b1);
        System.out.println("Enter the number of books");
        int n = a.nextInt();
        Book b[] = newbook[n]
        for (int i = 0; i < n; i++)
        {
            System.out.println("Details of the book " + i);
            System.out.println(b[i]);
        }
    }
```

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