

Name : Sakshi. P. Khandoba
USN : 1BM19CS139
Section : 3C
Batch : 2

papergrid

Date: 16 / 10 / 20

Create a class Book which contains 4 members : name, author, price, num_pages. Include a constructor to set the values for the members. Include a toString() method that could display the complete details of the book. Develop a Java program to create n book objects.

```
import java.util.Scanner;
class Book {
    String name;
    String author;
    int price;
    int num_pages;
    Book()
    {
        Scanner in = new Scanner(System.in);
        System.out.println("Enter Book name : ");
        name = in.nextLine();
        System.out.println("Enter Author name : ");
        author = in.nextLine();
        System.out.println("Enter Price : ");
        price = in.nextInt();
        System.out.println("Enter number of pages : ");
        num_pages = in.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 args[])  
    {  
        int n;  
        Scanner in = new Scanner(System.in);  
        System.out.println("Enter Number of Books :");  
        n = in.nextInt();  
        Book b[] = new Book[n];  
        for(int i = 0; i < n; i++)  
        {  
            System.out.println("Enter the details of  
            Book " + (i+1) + " :");  
            b[i] = new Book();  
        }  
        for(int i = 0; i < n; i++)  
        {  
            System.out.println("\nDetails of Book " +  
            (i+1) + " :");  
            System.out.println(b[i]);  
        }  
    }  
}
```