

Create a class Book which contains four members: name, author, price,num\_pages. 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 title,author;
    int no_of_pages;
    float price;
    Scanner in =new Scanner(System.in);
    book()
    {
        System.out.print("Enter book title :");
        title= in.nextLine();
        System.out.print("Author :");
        author= in.nextLine();
        System.out.print("Number of pages :");
        no_of_pages= in.nextInt();
        System.out.print("Price :");
        price= in.nextFloat();
    }
    public String toString()
    {
        return ("Book title : "+title+"\nAuthor :
"+author+"\nNumber of pages : "+no_of_pages+"\nPrice :
"+price);
    }
}
class books{
    public static void main(String[] args)
    {
        book[] b=new book[3];
        int i;
        for (i=0;i<3 ;i++)
        {
            System.out.println("Enter book "+(i+1)+" details:");
            b[i]=new book();
        }
    }
}
```

```

        System.out.println();
    }
    for (i=0;i<3 ;i++)
    {
        System.out.println("The book"+(i+1)+" details:");
        System.out.println(b[i]);
        System.out.println();
    }
}
}

```

```

PS C:\Users\HP> cd D:\sem3\ooj_lab\16-10-2020
PS D:\sem3\ooj_lab\16-10-2020> javac .\books.java
PS D:\sem3\ooj_lab\16-10-2020> java books
Enter book 1 details:
Enter book title :q
Author :w
Number of pages :2
Price :3

Enter book 2 details:
Enter book title :a
Author :s
Number of pages :4
Price :6

Enter book 3 details:
Enter book title :z
Author :x
Number of pages :56
Price :78

The book1 details:
Book title : q
Author : w
Number of pages : 2
Price : 3.0

The book2 details:
Book title : a
Author : s
Number of pages : 4
Price : 6.0

The book3 details:
Book title : z
Author : x
Number of pages : 56
Price : 78.0

PS D:\sem3\ooj_lab\16-10-2020> 

```