

WEEK 3

~~task~~ to create an
Program-3

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

```
    String name, author;  
    double price;  
    int numPages;  
    Book ()  
    {
```

```
        name = " "; author = " ";  
        price = 0.0, numPages = 0;  
    }  
    void input ()  
    {
```

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

```
        name = s.nextLine();  
        System.out.println ("Enter the price of the  
                               book");
```

```
        price = s.nextDouble();  
        System.out.println ("Enter the no of  
                               pages");
```

```
        numPages = s.nextInt();  
    }
```

public String toString()

{
return ("Name: " + name + "\n Author: " +
author + "\n Price: " + price + "
\n Number of pages: " +
numPages + "\n");
}

class Book main

{
public static void main (String[] args)

{
Scanner s = new Scanner (System.in);
System.out.println ("Enter the no of books");
int n = s.nextInt();

Book books[] = new Book[n];
for (int i = 0; i < n; i++)

{
books[i] = new Book();

books[i] = input();

System.out.println ("Book details");

System.out.println (books[i].toString());
}

}

}

O/P:

DATE:

PAGE:

Enter the number of books:
1

Enter the name of the book:
Power of thought

Enter the author of the book:
James

Enter the price of the book:
450

Enter the number of pages:
200

Book Details

Name: Power of thought

Author: James

Number of pages: 200

```
C:\Users\bmscece\Desktop\IBM21CS022>java Lab_3
Enter number of books to be created
2
Enter book name
java
Enter book author
person p
Enter number of pages and price of book
100 1000
Enter book name
00j
Enter book author
person m
Enter number of pages and price of book
20 200

Book entry number 1
Title: java
Author: person p
Number of pages: 100
Price: 1000.0

Book entry number 2
Title: 00j
Author: person m
Number of pages: 20
Price: 200.0
```