CLASSMATE
Date 13/10/2020
Page

WEEK 5 :

LP#3 Create a class Book which contains 4 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 compute 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;

void accept()
{
Scanner xx = new Scanner(System.in);
System.out.println("ENTER DETAILS-");
System.out.println("enter book name: ");
name = xx.next();
System.out.println("enter author : ");
author = xx.next();
System.out.println("enter price : ");
```

```
price = xx.nextInt();
System.out.println("enter number of pages:");
num_pages = xx.nextInt();
}
public String toString()
   {
return ("book name = "+name+"\n book author = "+author+
"\n book price = "+price+"\n number of pages = "+num_pages);
   }
}

class Main {
public static void main(String ss[])
  {
Scanner xx = new Scanner(System.in);
System.out.println("enter number of objects:");
int n = xx.nextInt();
Book b[] = new Book[n];
for(int i=0; i<n; i++)
  {
  b[i] = new Book();
  b[i].accept();
  }
```

```
System.out.println("Book details :");
for(int i=0 ; i<n ; i++)
    {
System.out.println("BOOK "+(i+1));
System.out.println(b[i].toString());
    }
  }
}
```