Week-5

DIVYANSHU

__Lab Program :3__

*   import java.util.Scanner;
    class Book {
        public String Name;
        public String Author;
        public float price;
        public int num_pages;

    void setDetails ()
    {
        Scanner sc = new Scanner (System.in);
        System.out.println ("Enter the name of the book: ");
        Name = sc.next();
        System.out.println ("Enter the name of author of the
                            book: ");
        Author = sc.next ();
        System.out.println ("Enter the price of the book: ");
        price = sc.nextFloat ();
        System.out.println ("Enter the no. of pages in the book:");
        num_pages = sc.nextInt ();
    }

    void getDetails () {
        System.out.println ("Name: "+ Name);
        System.out.println ("Author : "+ Author);
        System.out.println ("Price : "+ price);
        System.out.println ("No. of pages: "+ num_pages);
    }

        public String toString ()
        {

```java
        return ("Aame:" + Name + "\n Author :" + Author + "\
            Price: " + price + "\n No.of pages:" + num_pg

    }
}

class Bmain {
    public static void main (String [] args)
    {
        Scanner xx = new Scanner( System.in);
        System.out.println ("Enter the no of book ");
        int n = xx.nextInt();
        Book b[] = new Book [n];
        for (int i=0; i<n; i++)
        {
            System.out.println (" Enter the details of the
                            book" + (i+1) + " :");
            b [i] = new Book();
            b[i].setDetails ();
        }
        for (int i=0; i<n; i++)
        {
            System.out.println (" Book Details of book
                            (i+1) + "");
            b[i].getDetails ();
        }
        System.out.println (b[i]);
    }
}
```