

```
Command Prompt
18-11-2022 19:21          984 Lab1_java.java..txt
18-11-2022 19:19        636,178 Lab1_record.pdf
02-12-2022 17:58          1,162 labtwo.class
02-12-2022 19:24          1,292 main_book.class
01-12-2022 23:20          424 oojsecondprogram.java
01-12-2022 23:22          469 oojthirdprogram.java
01-12-2022 22:58          469 oojthirdprogram.txt
02-12-2022 18:00          451 student.class
02-12-2022 16:25          823 studentsgpa.java
30-11-2022 16:51          611 timeprogram.java
      20 File(s)      4,330,275 bytes
      2 Dir(s)  915,415,797,760 bytes free

C:\Users\ADMIN\Desktop\oojlab>javac book.java

C:\Users\ADMIN\Desktop\oojlab>java main_book
enter the number of books
2
enter the name of the book:
states
enter the name of the author
chetan
enter the price of book:
50
enter the number of pages
50
enter the name of the book:
country
enter the name of the author
bhagat
enter the price of book:
50
enter the number of pages
60
book1details
name of the book isstates name of the author ischetan price of the book is50.0 number of pages in the book is50
book2details
name of the book iscountry name of the author isbhagat price of the book is50.0 number of pages in the book is60

C:\Users\ADMIN\Desktop\oojlab>
```

Lab program 3

- ⇒ Create a class Book which contains four 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 complete details of the book. Develop a Java program to create a book objects.

```
import java.util.Scanner;
class Book
{
    String name;
    String au;
    double price;
    int num_pages;
}
Book
{ name = n;
  au = a;
  price = pr;
  num_pages = p;
}
void getd()
{ Scanner s = new Scanner(System.in)
  System.out.println("Enter the name of book :")
  name = s.next();
  System.out.println("Enter the name of author")
  au = s.next();
  System.out.println("Enter the price of book :")
```



```

price = s.nextDouble();
System.out.println("Enter the number of
pages");
numPages = s.nextInt();
}
public String toString()
{
    String s = "Name of the book is " + name + "
    name of the author is " + au + " Price of
    the book is " + price + " Number of pages in
    the book is " + numPages;

    return s;
}

```

```

class mainBook {

```

```

    {
        public static void main (String args[])
        {
            Scanner s1 = new Scanner (System.in)
            System.out.println("Enter the number of books")
            int n = s1.nextInt();
            Book b[] = new Book [n];
            for (int i = 0; i < n; i++)
            {
                b[i] = new book ();
                b[i].getd();
                for (int i = 0; i < n; i++) {
                    System.out.println ("Book " + (i+1) + " details")
                    System.out.println (b[i]);
                }
            }
        }
    }
}

```