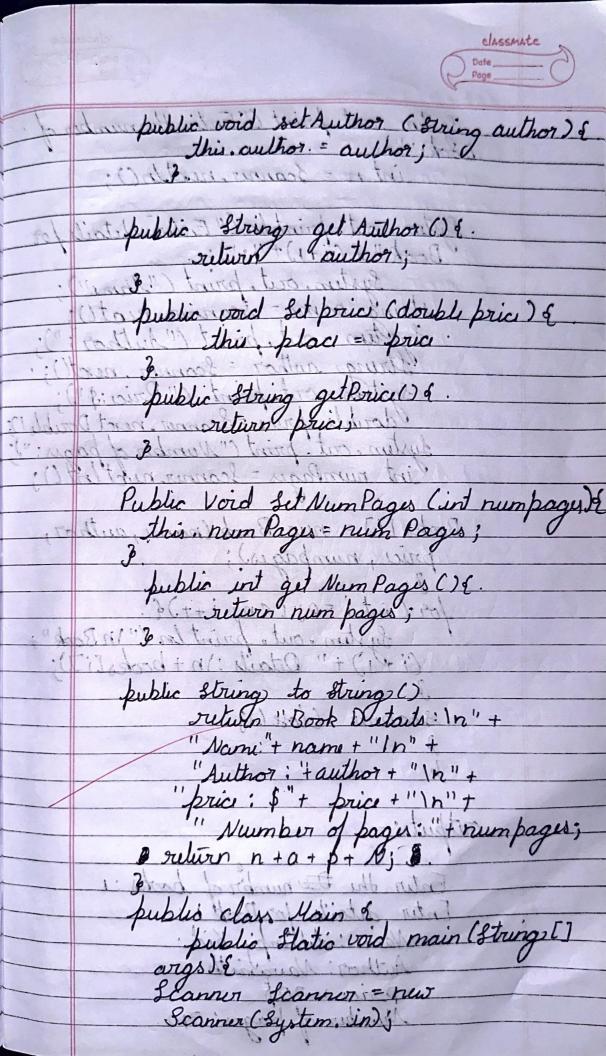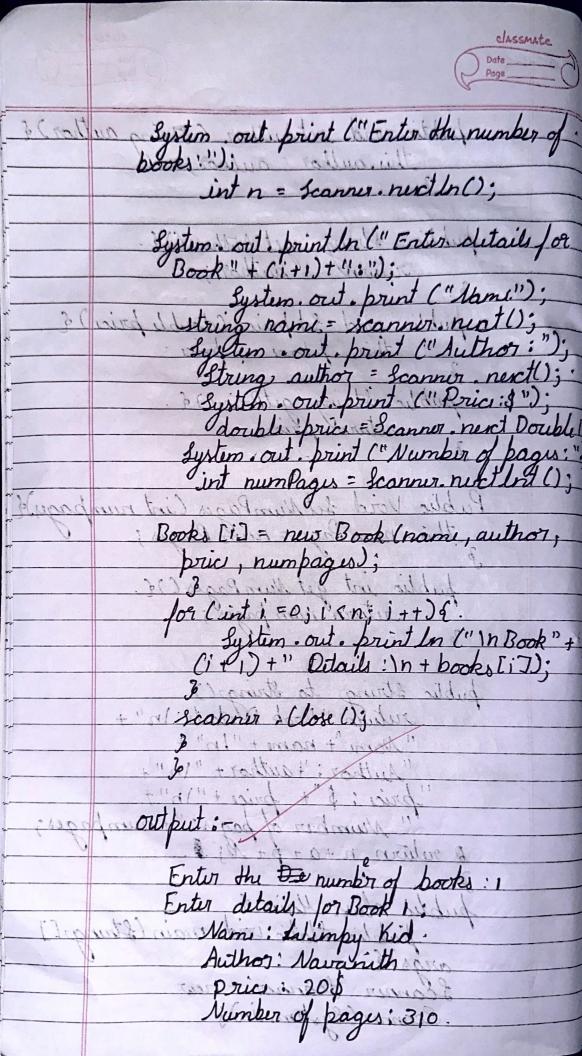## Lab-3 Program

Creat 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 to String() method That
could display the complete details
of the book. Develop a Java program
to creat n book objects

→ Input
Import java.util. Scanner;

Class Book {
    private String name;
    private String author;
    private double price;
    private int numpages;

    public Book (String name, String author,
        Double price, int num pages) {
        this. name = name;
        this. author = author;
        this price = price;
        this num pages = num Pages;
    }

    public void Set Name (String name) {
        this name = name;
    }
    public String get Name () {
        return name;
    }

```java
    public void setAuthor (String author) {
        this.author = author;
    }

    public String getAuthor () {
        return author;
    }
    public void setprice (double price) {
        this.place = price
    }
    public String getPrice () {
        return price;
    }

    Public Void setNumPages (int numpages) {
        this.numPages = numPages;
    }
        public int getNumPages () {
            return numpages;
        }

    public String toString ()
        return "Book Details: \n" +
        "Name" + name + "\n" +
        "Author: " + author + "\n" +
        "price: $" + price + "\n" +
        "Nuumber of pages:" + numpages;
        return n + a + p + N;
    }

    public class Main {
        public static void main (String []
    args) {
    Scanner Scanner = new
    Scanner (System. in);
```

```java
System.out.print("Enter the number of books:");
int n = Scanner.nextln();

    System.out.println("Enter details for Book" + (i+1) + ":");
        System.out.print("Name");
        String name = scanner.next();
        System.out.print("Author:");
        String author = scanner.next();
        System.out.print("Price:$");
        double price = Scanner.nextDouble();
    System.out.print("Number of pages:");
    int numPages = Scanner.nextlnt();

    Books[i] = new Book(name, author, price, numpages);
    }
    for(int i =0; i<n; i++){
        System.out.println("\n Book" + (i+1) + " Details :\n + books[i]);
    }
scanner.close();
}
}
```

output :-

```
Enter the number of books : 1
Enter details for Book 1 :
Name : Wimpy Kid
Author: Navanith
price : 20$
Number of pages: 310.
```

Book1 ditail :
Book Details :
Name : Wimpy Kid .
Author : Navahith
price : 20$
Number of pages : 310