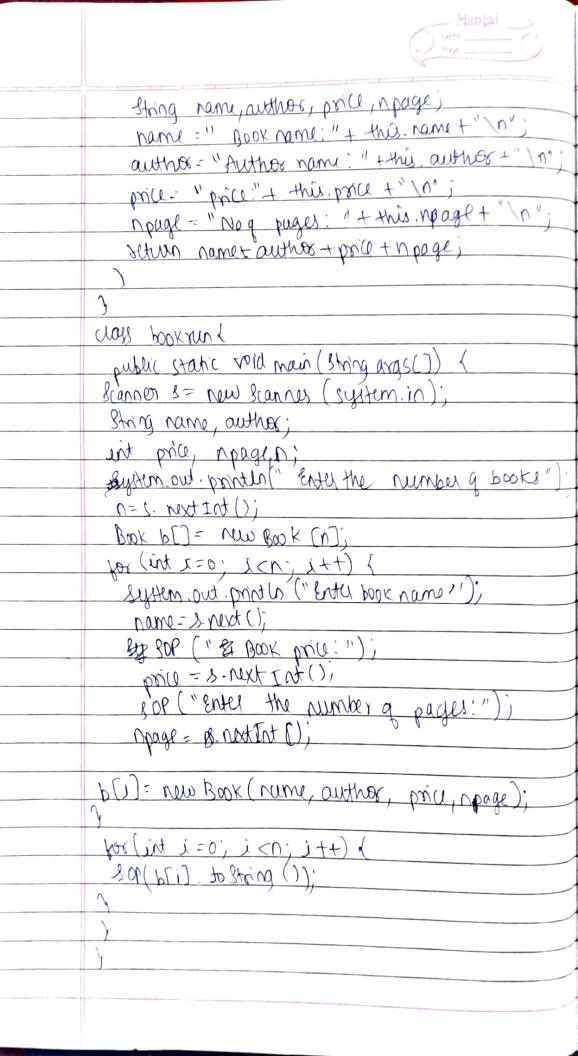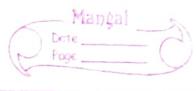16/10/24

<u>LAB-3</u>

create a class Book which contains 4 members:
name, author, price, npage. Include a constructor
to set the values for the members. Include
methods to set & get the details of the objects.
Include a toString() method that could ~~include~~
display the complete details of the book. Develop
a java program to create n book objects.

→ Import java.util.Scanner;
class Book {

String name, author;
int price, npage;
Book (string name, string author, int price, int npage)
{

    this. name = name;
    this. author = author;
    this. price = price;
    this. npage = npage;
}

public String toString ()
{

```java
String name, author, price, npage;
name = " Book name:" + this.name + "\n";
author = "Author name:" + this.author + "\n";
price = "price" + this.price + "\n";
npage = "No q pages: " + this.npage + "\n";
return name + author + price + npage;
}
}

class bookrun {
    public static void main (String args[]) {
    Scanner s = new Scanner (system.in);
    String name, author;
    int price, npage, n;
    System.out.println(" Enter the number q books");
    n = s.nextInt();
    Book b[] = new Book [n];
    for (int x=0; x<n; x++) {
        system.out.println ("Enter book name");
        name = s.next();
        SOP (" & Book price:");
        price = s.nextInt();
        SOP ("Enter the number q pages:");
        npage = s.nextInt();

        b[x] = new Book (name, author, price, npage);
    }
    for (int i=0; i<n; i++) {
        SOP(b[i].toString());
    }
}
}
```

o/p

Enter the number q books

1

Enter book name

Maths

Enter book Author

HCVerma

Enter book price

890

Enter the number q pages:

900

Book name: Maths

Author name: HCverma

Price: 890

Number q pages: 900

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