

Lab 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 n book objects.

Code:

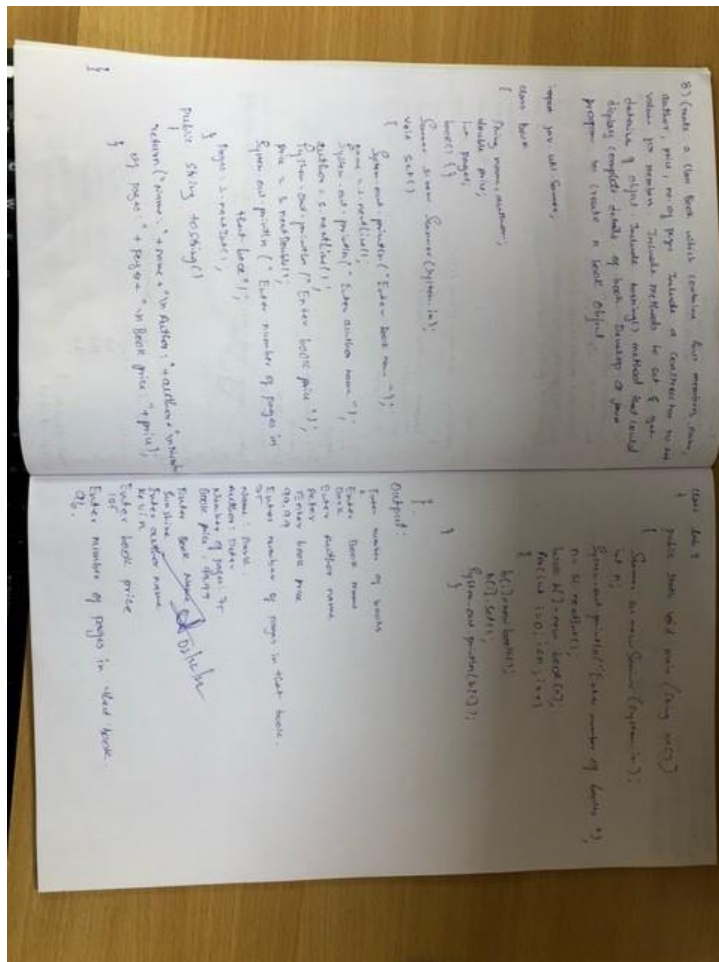
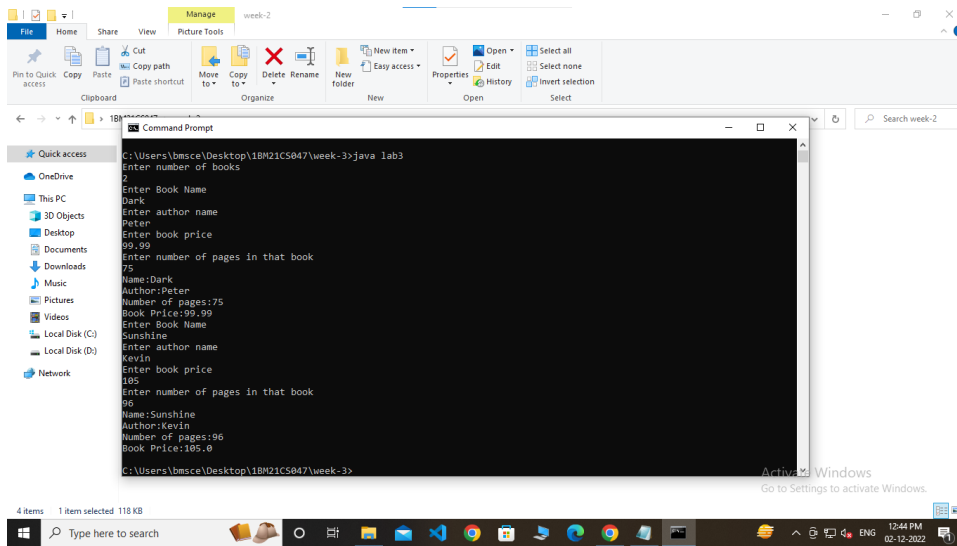
```
import java.util.Scanner;

class book
{
    String name,author;
    double price;
    int pages;
    book()
    {}
    Scanner s=new Scanner(System.in);
    void set()
    {
        System.out.println("Enter Book Name ");
        name=s.nextLine();
        System.out.println("Enter author name ");
        author=s.nextLine();
        System.out.println("Enter book price ");
        price=s.nextDouble();
        System.out.println("Enter number of pages in that book");
        pages=s.nextInt();
    }
}
```

```
public String toString()
{
return("Name:"+name+"\nAuthor:"+author+"\nNumber of pages:"+pages+"\nBook Price:"+price);
}

}
```

```
class lab3
{
public static void main(String xx[])
{
Scanner ss=new Scanner(System.in);
int n;
System.out.println("Enter number of books ");
n=ss.nextInt();
book b[]=new book[n];
for(int i=0;i<n;i++)
{
b[i]=new book();
b[i].set();
System.out.println(b[i]);
}
}
}
```



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[Signature]