Aruna Ravi KR
1BM19IS011

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Lab 03:

```
import java.util.*;
class Book{
 String name;
 String author;
 float price;
 long num_page;
public Book( String bookname, String authorname; float
              book_price, long num){
 this.name=bookname;
  this.author=authName;
  this.price=book_price;
  this.num_pages=num;
}
public String getName(){
  return this.Name;
  }
  public String getAuthor(){
  return this.author;
  }
  public float getPrice(){
  return this.price;
  }
  public long getNumpages(){
  return this.num_pages;
  }
public void setbook ( String enteredName, String entered
                      Author, float enteredPrice, long enteredNumpg
 { this.name= enteredName;
   this.author= enteredAuthor;
```

```
        this.price= entered Price;
        this.num_pages= entered Num Pages;
    }
    public void toBookString(){
        System.out.println("Name" + this.name);
        System.out.println("Author" + this.author);
        System.out.println("Price" + this.price);
        System.out.println("Number of Pages" + this.num_pages);
    }
}
class SetBookDetails
{
    public static void main(String args[]){
        Scanner getNum= new Scanner(System.in);
        System.out.println("Enter the number of books");
        int numBooks= getNum.nextInt();
        ArrayList<Book> bookList= new ArrayList<Book>();
        Scanner takeInput= new Scanner(System.in);
        for(int i=0; i<numBooks; i++){
            System.out.println("Enter the details of the Book"+i);
bookList.add(new Book(takeInput.next(), takeInput.next(),
                takeInput.nextFloat(), takeInput.nextInt()));
    }
    System.out.println("Book Details");
    for(int j=0; j<numBooks; j++)
    { bookList.get(j).toBookString();
    }
}
}
```