```
//lab3program 1bm19cs015
                                         amit kumar
import java.util.Scanner;
class book{
  String name;
  String author;
  float price;
  int num_pages;
  book()
 {
  name="";
  author="";
  price=0.0f;
  num pages=0;
  System.out.println("<*****************);
  }
  void accept (){
  Scanner sc=new Scanner (System.in);
  System.out.println("Enter the details of the book:::");
```

```
System.out.println("Name");
  name=sc.next();
  System.out.println("Author");
  author=sc.next();
  System.out.println("Price");
  price=sc.nextFloat();
  System.out.println("No of Pages");
  num_pages=sc.nextInt();
  }
     // toString method
  public String toString()
     {
   return(" Name of book: "+ name + " \n Author:\t"+author+
Cost of book: Rs"+ price + "\n Total pages: "+ num_pages+"\n
<*************************:
  }
}
```

```
public class lab3book {
public static void main(String args[]){
 Scanner ab=new Scanner (System.in);
 int i;
 System.out.println("Total no of books:::");
int n=ab.nextInt();
 book b[]=new book[n];
 for(i=0;i<n;i++){
  b[i] =new book();
  b[i].accept();
 }
 System.out.println("BOOK Details::");
 for(i=0;i<n;i++){
   int j=i+1;
  System.out.println("\n<****** BOOK"+j+ "*******>");
   System.out.println(b[i]);
 }
```

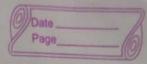
```
operable program or batch file.
C:\Users\cw\Desktop>set path=C:\Program Files\Java\jdk1.8.0_261\bin
C:\Users\cw\Desktop>javac lab3book.java
lab3book.java:14: error: incompatible types: possible lossy conversion from floa
t to int
     num_pages=0.0f;
1 error
C:\Users\cw\Desktop>javac lab3book.java
C:\Users\cw\Desktop>java lab3book
Total no of books:::
<<del>*************</del>>
Enter the details of the book:::
Name
java
Author
orac le
Price
200
No of Pages
50
{***********
Enter the details of the book:::
Name
oops
Author
james
Price
500
No of Pages
256
BOOK Details::
<<del>******</del> B00K1*****
 Name of book: java
Author: oracl
Cost of book: Rs200
Total pages: 50
                    oracle
Rs200.0
    <<del>*************</del>>
(******* BOOK2******
Name of book: oops
 Author:
                    james
Rs500.0
256
 C:\Users\cw\Desktop>
```

}

```
imposet java. util. Scanner;
class book {
 string name;
string author;
float price = 0.0f;
int strate num-pages = 0.07;
       book ()
      System.out. preintln ("ee**********");
    void accept () }
  Scanner &C = new Scanner (system.in);

System.out.println ("Enter the details of the book")

system.out.println ("Name");
   mame = scinext();
  System. out. println (" Author");
   author = sc. next ();
system.out.println (ee Price");
    price = sc. mext ();
  system.out.println (" No of Pages");
mum_pages = sc. next # 1 mit ();
public straing to strong () &
return (" Name of the book:"+ mame+")n
authors" + author + " In Cost of book:"+ price
" In total pages:"+ num pages);
```



```
public class lab3book {
public static void main (string args[]) {
Scanner ab = new Scanner (system.in);
System.out. println(ee Total no. of Books:::'');
int n = cub. mextint();
book b[] = new book[n];
for (1=0; 1cm; 1++)
      b [i] = new book ();
   b[i] · accept ();
System.out. println(e BOOK petails: ");
for (i=0; i=n; i++) }
     system. out. println (ce [n BOOK'+j);
system. out. println (b(i));
```