

/* 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.*/

```
import java.util.Scanner;

class Book{

String name;

String author;

int price;

int num_pages;

Book(String name,String author,int price,int num_pages){

this.name=name;

this.author=author;

this.price=price;

this.num_pages=num_pages;

}

void setName(String name){

this.name=name;

}

void setAuthor(String author){

this.author=author;

}

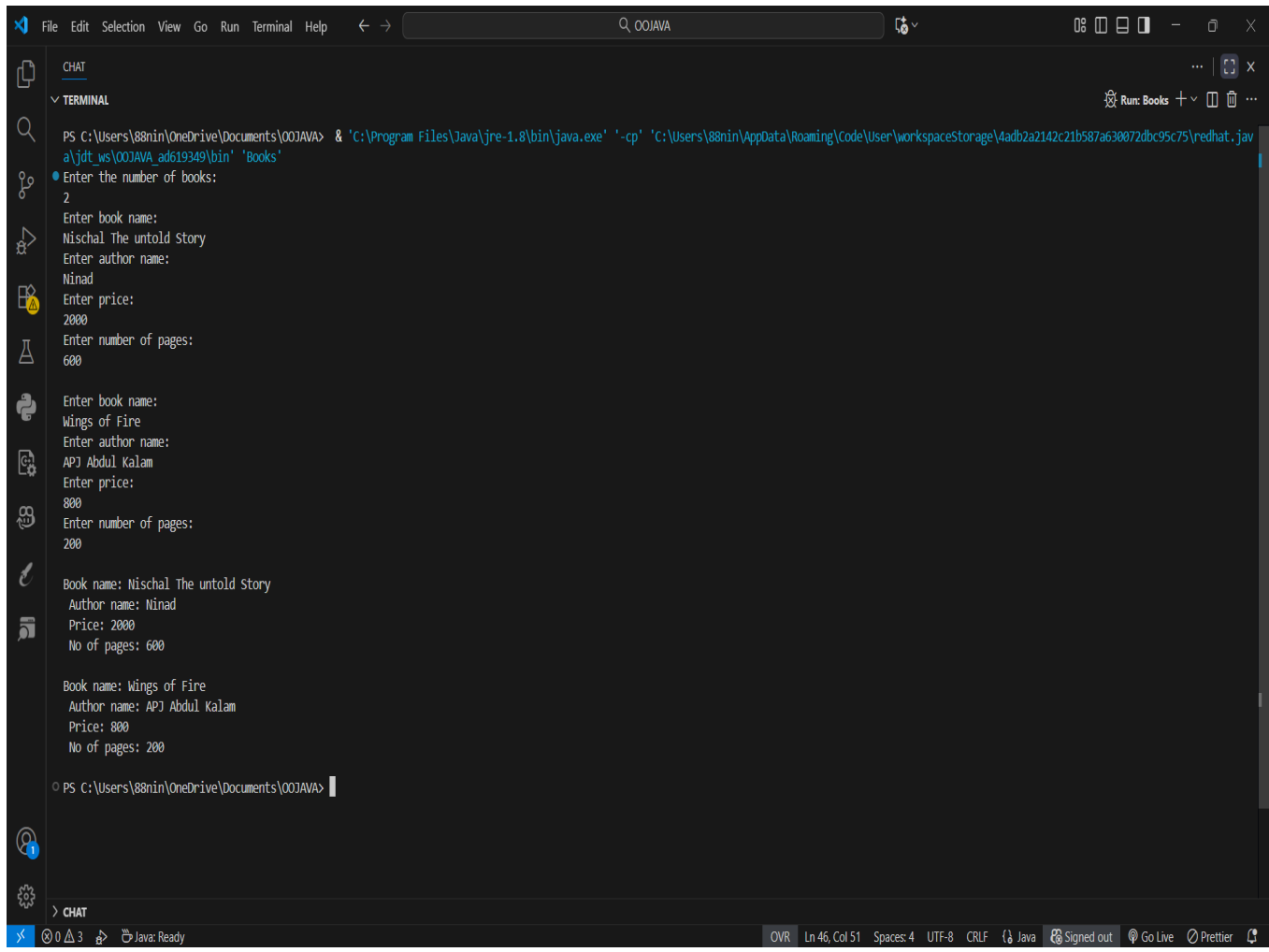
void setPrice(int price){

this.price=price;
```

```
}  
  
void setNum_pages(int num_pages){  
    this.num_pages=num_pages;  
}  
  
String getName(){  
    return name;  
}  
  
int getPrice(){  
    return price;  
}  
  
String getAuthor(){  
    return author;  
}  
  
int getNum_pages(){  
    return num_pages;  
}  
  
public String toString(){  
    return "Book name: "+name+"\n Author name: "+author+"\n Price:  
"+price+"\n No of pages: "+num_pages ;  
}  
}  
  
public class Books{  
    public static void main(String[] args)  
    {  
        Scanner sc=new Scanner(System.in);
```

```
System.out.println("Enter the number of books: ");
int n=sc.nextInt();
sc.nextLine();
Book[] arr=new Book[n];
for(int i=0;i<n;i++)
{
    System.out.println("Enter book name: ");
    String b=sc.nextLine();
    System.out.println("Enter author name: ");
    String s=sc.nextLine();
    System.out.println("Enter price: ");
    int p=sc.nextInt();
    System.out.println("Enter number of pages: ");
    int x=sc.nextInt();
    sc.nextLine();
    System.out.println();
    arr[i]=new Book(b,s,p,x);
}
for(int i=0;i<n;i++)
{
    System.out.println(arr[i].toString());
    System.out.println();
}
}
```

OUTPUT:-



```
PS C:\Users\88nin\OneDrive\Documents\OOJAVA> & 'C:\Program Files\Java\jre-1.8\bin\java.exe' '-cp' 'C:\Users\88nin\AppData\Roaming\Code\User\workspaceStorage\4adb2a2142c21b587a630072dbc95c75\redhat.jav
a\jdt_ws\OOJAVA_ad619349\bin' 'Books'
Enter the number of books:
2
Enter book name:
Nischal The untold Story
Enter author name:
Ninad
Enter price:
2000
Enter number of pages:
600

Enter book name:
Wings of Fire
Enter author name:
APJ Abdul Kalam
Enter price:
800
Enter number of pages:
200

Book name: Nischal The untold Story
Author name: Ninad
Price: 2000
No of pages: 600

Book name: Wings of Fire
Author name: APJ Abdul Kalam
Price: 800
No of pages: 200

PS C:\Users\88nin\OneDrive\Documents\OOJAVA>
```