

DATE

Name - Nitin Bishr

Section - A

Course - MCA 2 Sem

Paper name - Java (End  
Term Exam) Practical

JAVA  
End Term Exam  
Practical

Ass 2 Book.java

```
package com.javaendterm;
```

```
public class Book
```

```
{  
    private String BookName;
```

```
    private int BookPrice;
```

```
    private int noofpages;
```

```
    private String authorName;
```

```
    public void setBookName (String bookName)
```

```
{ this.bookName = bookName;
```

```
}
```

```
    public String getBookName ()
```

```
{ return this.bookName;
```

```
}
```

```
    public void setBookPrice (int BookPrice)
```

```
{ this.BookPrice = BookPrice;
```

```
}
```

```
    public void int getBookPrice ()
```

```
{ return this.BookPrice;
```

```
}
```

```
    public void setno of pages (int noofpages)
```

```
{ this.noofpages = noofpages;
```

```
}
```

```
    public int noofpages ()
```

```
{ return this.noofpages;
```

```
}
```

classmate

Nitin

PAGE



```
public void setAuthorName (String authorName)
{ this.authorName = authorName;
}
```

```
public String getAuthorName()
{ return this.authorName;
}
```

Textbook.java.

```
private String authorName;
public void setBookName (String BookName)
{ this.BookName = BookName;
}
```

```
public String getBookName()
{
return this.bookName;
}
```

```
public void setBookPrice (int BookPrice)
{ this.BookPrice = BookPrice; }
```

```
public int getBookPrice()
{ return this.BookPrice;
}
```

```
public void setnoofpages (int noofpages)
{
this.noofpages = noofpages;
}
```

```
public int getnoofpages ()
{
return this.noofpages;
}
```

```
public void setAuthorName (String authorName)
{ this.authorName = authorName;
}
```

```
public String getAuthorName ()
{ return this.authorName;
}
```

classmate

Nitin



```
}  
}  
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.PreparedStatement;  
import java.util.Scanner;  
public class TestBook  
{  
    public static void main (String [] args) {  
        Scanner sc = new Scanner (System.in);
```

```
        System.out.println ("Enter the Book Name");  
        String bookname = sc.nextLine();
```

```
        System.out.println ("Enter the price");  
        int price = sc.nextInt();  
        sc.nextLine();
```

```
        System.out.println ("Enter the no of pages:");  
        int pages = sc.nextInt();  
        sc.nextLine();
```

```
        System.out.println ("Enter author name:");  
        String authorname = sc.nextLine();  
        Book obj = new Book();  
        obj.setBookName (bookname);  
        obj.setBook price (price);  
        obj.set no of pages (pages);  
        obj.set Author name (authorname);  
    }  
}
```

```
try {  
    class.forName ("com.mysql.jdbc.Driver");  
    Connection con = DriverManager.getConnection  
        ("jdbc:mysql://localhost:3306/Book", "root",  
        "root");
```

```
    PreparedStatement stmt = con.prepareStatement
```



```
Statement ("insert into book details values (?, ?, ?, ?)");
```

```
stmt.setString (1, obj.getBookName());  
            (2, obj.getBookPrice());  
            (3, obj.getPageNo());  
            (4, obj.getAuthorName());
```

```
int i = stmt.executeUpdate();  
System.out.println(i + "records inserted");  
con.close();
```

```
} catch (Exception e) {  
    System.out.println(e);  
}  
}
```