Create table tbl_books_empId in oracle database using standard Credentials.This table will have 5 columns as below-

tbl_book_empid (book_id number(5) PK, title varchar(200), price number (7,3), pages number (5))

Insert few records in this table(Manually.Not through JDBC).The records Can be:

BOOK_ID	TITLE	PRICE	PAGES
101	The Immortals of Meluha'	250.5	436
102	Midnight's Children'	324	647
103	The Secret of the Nagas'	250	398
104	Fury'	315	259
105	Harry Potter and the Philosopher's Stone'	750	336
106	Harry Potter and the Chamber of Secrets'	650	300
107	Revolution 2020'	345.75	296
108	Five Point Someone'	269	270

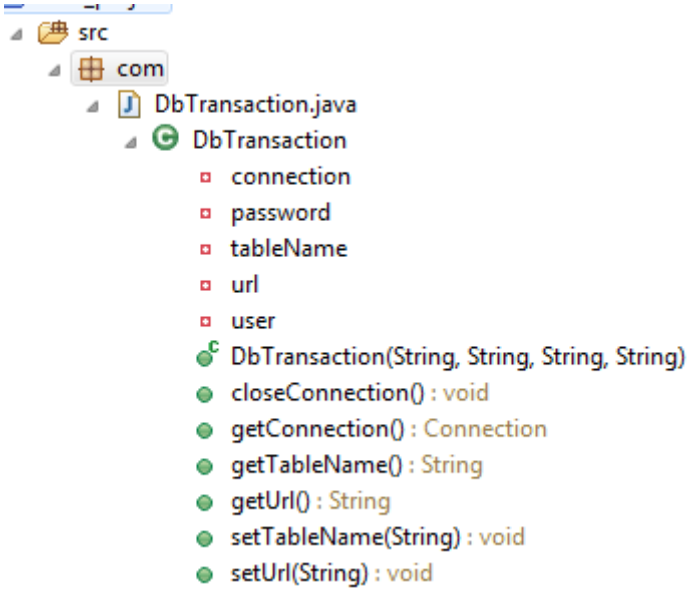
Create Java classes as per below templates and instructions in package com:

DBTransaction class:

This class has attributes – url, tableName, connection, user and password.

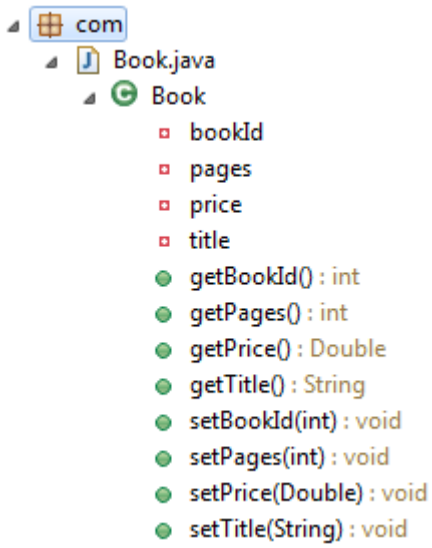
The constructor will take parameters as below sequence:
url, user, password, tableName

getConnection and closeConnection should be implemented as per code shared at the end of the question.



Book Class: This is a bean class and the outline for the same has been given below.

It will have four attributes as: bookId,title,price and pages.

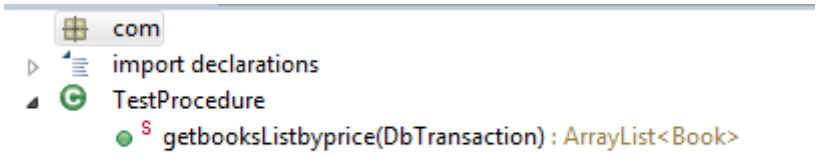


TestProcedure Class:

This class has one method.

getBooksListbyPrice:

This method will take DbTransaction object. It will return all records order by the price. Records are returned as ArrayList of Book class.



main method:

Create the main method in the Demo Class.

Create DbTransaction class object with all parameters and test above method (passing DbTransaction object) from main method.

Also make the following methods in the Demo Class:-
(a) Create method :-This method will take DbTransaction object.This method will create the table of the required emp id ,do the insertion of some random data.
(b) clean up method :-This method will take DbTransaction object.This method will delete the table through the clean up call.

Note: 1.Call the cleanup() in the finally block of the main method.

Submit all java files in Iascert tool for assessment.

Code for getConnection() method:

```
public  Connection getConnection()
	{
		try {

			closeConnection();

			Class.forName("oracle.jdbc.driver.OracleDriver");



			connection =  DriverManager.getConnection(url,user,password);




		} catch (SQLException e) {
			// TODO Auto-generated catch block
			e.printStackTrace();

		} catch (ClassNotFoundException e) {
			// TODO Auto-generated catch block
			e.printStackTrace();
		}
```

Code for CloseConnection():

```
	public  void closeConnection()
	{
		try
		{
			if(connection != null  && connection.isClosed() == false)
				connection.close();

			connection = null;
		}
		catch(SQLException e)
		{
			e.printStackTrace();
		}
	}
```