Create table **tbl_test_empid** in Oracle database using standard credentials. This table will have two columns - test_id NUMBER(5) PRIMARY KEY,  test_name VARCHAR(100)

Insert few records in this table (Manually. Not through JDBC).

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

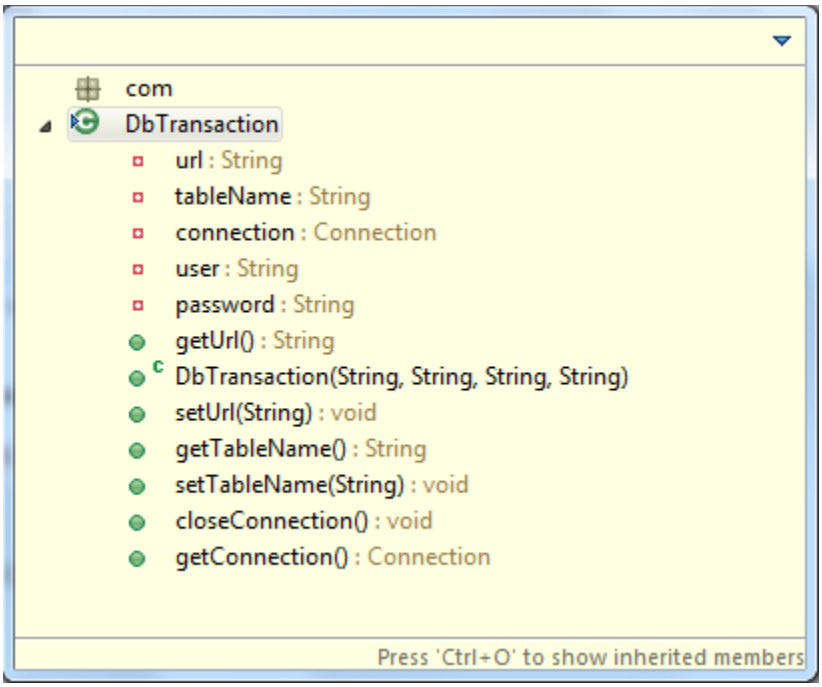
**DBTransaction class:**

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.




**Test class:** this class will have two attributes – id and title. It will work as bean class.

**TestProcedure class:**

This class has three methods:

getTestsCount: This method will take DbTransaction object and return the total no of records in specified table in that object.

getTests: This method will take DbTransaction object and id value. It will return all records where test_id is greater than specified id. Records are returned as ArrayList of Test class.

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


Submit all Java files in iASCERT tool for assessment.

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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();
        }
        return connection;
}
```

Code for closeConnection() method:

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

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