

RealWorldWrapperDemo.java

```

1 package class19;
2
3 import java.sql.ResultSet;
4
5
6
7 public class RealWorldWrapperDemo {
8
9     private static int PADDING = 20;
10
11     public static String formatMe(String inc) {
12         return String.format("%1$" + PADDING + "s", inc).toUpperCase();
13     } // end formatMe
14
15     public static void main(String[] args) {
16         try {
17             String header = "";
18             header += formatMe("ID");
19             header += formatMe("PAGES");
20             header += formatMe("YEAR");
21             header += formatMe("AUTHOR");
22             header += formatMe("TITLE");
23             OracleWrapper.prepareStatement("SELECT * FROM BOOKS");
24             System.out.println(header);
25             ResultSet rs = OracleWrapper.queryDB();
26             // iterate through the results
27             while (rs.next()) {
28                 String record = "";
29                 // don't forget, databases start counting at 1
30                 record += formatMe(String.valueOf(rs.getObject(1)));
31                 record += formatMe(String.valueOf(rs.getObject(2)));
32                 record += formatMe(String.valueOf(rs.getObject(3)));
33                 record += formatMe(String.valueOf(rs.getObject(4)));
34                 record += formatMe(String.valueOf(rs.getObject(5)));
35                 System.out.println(record);
36             } // end while
37             rs.close();
38         } catch (SQLException e) {
39             System.out.println(e.getMessage());
40         } // end catch
41     } // end main
42 } // end RealWorldWrapperDemo

```