

UCAWrapperDemo.java

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1 package class19;
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3 import java.sql.ResultSet;
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9 public class UCAWrapperDemo {
10     public static void main(String[] args) {
11         try {
12             OracleWrapper.prepareStatement("SELECT * FROM BOOKS");
13             ResultSet rs = OracleWrapper.queryDB();
14             ResultSetMetaData md = rs.getMetaData();
15             // databases start counting at 1, not 0 like arrays
16             for (int i = 1; i <= md.getColumnCount(); i++) {
17                 System.out.print(String.format("%1$" + 20 + "s",
18 md.getColumnLabel(i)).toUpperCase());
19             } // end for
20             // insert a CR/LF after all the column names are printed out
21             System.out.print("\n");
22             // iterate through the rowset
23             while (rs.next()) {
24                 // iterate through the columns in each row
25                 for (int i = 1; i <= md.getColumnCount(); i++) {
26                     System.out.print(String.format("%1$" + 20 + "s",
27 rs.getObject(i)).toUpperCase());
28                 } // end for
29                 System.out.print("\n");
30             } // end while
31             rs.close();
32         } catch (SQLException e) {
33             System.out.println(e.getMessage());
34         } // end catch
35     } // end main
36 } // end UCAWrapperDemo

```