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| **Topic** | RDBMS - Oracle |
| **Document Name** | ORACLEDB-EX-03 |
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| **Document Difficulty Level** | | | |
| **Beginner** | **Junior** | **Senior** | **Expert** |
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# Document History

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| 05.03.2025 | Mennan Tekbir | 1.0 | Initial Draft |
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# RDBMS – Oracle

## Exercise ORACLEDB-EX-04:

**Definiton:** Create a simple java application that inserts sample 100 records to the BOOK table. NAME and ISBN fields can be random generated.

**Hint:** <https://stackoverflow.com/questions/8778422/java-oracle-jdbc-select-statement>

Please provide screenshots to show your work.

## ORACLEDB-EX-04 Solution:

**Your Answer:**

Java code:  
import java.sql.\*;

import java.util.UUID;

public class InsertBooks {

public static void main(String[] args) {

String url = "jdbc:oracle:thin:@localhost:1521:XE";

String username = "sys as sysdba";

String password = "ORACLE";

try (Connection conn = DriverManager.getConnection(url, username, password)) {

conn.setAutoCommit(false);

String sql = "INSERT INTO BOOK (ID, NAME, ISBN) VALUES (?, ?, ?)";

PreparedStatement ps = conn.prepareStatement(sql);

for (int i = 1; i <= 100; i++) {

ps.setInt(1, i);

ps.setString(2, "Book\_" + UUID.randomUUID().toString().substring(0, 8));

ps.setString(3, UUID.randomUUID().toString().substring(0, 13));

ps.executeUpdate();

}

Result: 100 kitap başarıyla eklendi!  
SELECT \* FROM BOOK; sorgusu için ->

| **ID** | **NAME** | **ISBN** | **CREATE\_DATE** |
| --- | --- | --- | --- |
| 1 | Book\_ab12c | 5f7e12a3c9b4e | 08-JUL-25 11:45:32 |

….

conn.commit();

System.out.println("100 kitap başarıyla eklendi!");

} catch (SQLException e) {

e.printStackTrace();

}

}

}