

# Inserts, Updates, and Batch Updates to Records



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```
String sql = "INSERT INTO BOOK (TITLE) VALUES (?)";

try (
    Connection con = getConnection();
    PreparedStatement prepStmt =
con.prepareStatement(sql, Statement.RETURN_GENERATED_KEYS);
)
```

## Inserting Records

**Insert == Update**

**Return Generated Keys**

```
String sql = "UPDATE BOOK SET TITLE = ? WHERE ID = ?";

try (
    Connection con = getConnection();
    PreparedStatement prepStmt =
con.prepareStatement(sql);
)
```

## Updating Records

**Insert == Update**

**Rows affected**

```
for(Book book : books) {  
    prepStmt.setString(1, book.getTitle());  
    prepStmt.setInt(2, book.getRating());  
    prepStmt.setLong(3, book.getId());  
  
    prepStmt.addBatch();  
}  
  
records = prepStmt.executeBatch();
```

## Batch Updates

Update Code  
addBatch

# Summary

Inserts

Generated Keys

Update

Batch Update