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W2D2\_Homework Answersheet

1. A, D
2. A, C
3. B, C
4. Please see codes in Codes folder
5. This is used to get the Class using the name of the class. Particularly, we use it to get the Class instance of the oracle database driver ("oracle.jdbc.driver.OracleDriver").
6. **Statement** executes SQL statements for particular connection and retrieves the results while **PreparedStatement** allows the programmer to create prepared SQL statements

Based on my knowledge, the main advantage of **PreparedStatement** is that it can be parameterized. Another advantage is that once it is compiled (once), it is faster to use that statement again (especially in queries where the parameters change).

1. Answer:

|  |  |
| --- | --- |
| ResultSet | ResultSet resultSet;  …  resultSet.close(); |
| Statement | Statement sqlStatement;  …  sqlStatement.close(); |
| Connection | Connection conn = getConnection();  …  conn.close(); |