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Performance Tuning Report:

1. I used the Batch Inserting. In this way, the computer will submit and commit all updates together, and all actions will be completed or not completed. So insertion is performed as one transaction rather than several ones. But one failed record may cause the entire batch be rejected.

2. I used the Disabling Auto-commit. In this way, database log statements are not forced to disk until commit() is called. But we have to manually handle consistency.

3. I used prepared statements. In this way, it can save some query pre-processing and save time. It is really efficient.