static void InsertSettings(IEnumerable<Entry> settings) {

using (SqlConnection conn = new SqlConnection("Data Source=(local);Initial Catalog=Wip;Integrated Security=True")) {

conn.Open();

using (SqlTransaction oTransaction = conn.BeginTransaction()) {

using (SqlCommand cmd = conn.CreateCommand()) {

cmd.Transaction = oTransaction;

cmd.CommandType = CommandType.Text;

cmd.CommandText = "INSERT INTO [Setting] ([Key], [Value]) VALUES (@key, @value);";

cmd.Parameters.Add("@key", SqlDbType.NChar);

cmd.Parameters.Add("@value", SqlDbType.NChar);

try {

foreach (var oSetting in settings) {

cmd.Parameters[0].Value = oSetting.Key;

cmd.Parameters[1].Value = oSetting.Value;

if (cmd.ExecuteNonQuery() != 1) {

//'handled as needed,

//' but this snippet will throw an exception to force a rollback

throw new InvalidProgramException();

}

}

oTransaction.Commit();

} catch (Exception) {

oTransaction.Rollback();

throw;

}

}

}

}

}