Worksheet #28: use of tryLock()

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Extend the transferFunds() method from Lecture 26 (shown below) to use j.u.c. locks with tryLock() instead of synchronized, and to return a boolean value --- true if it succeeds in obtaining both locks and performing the transfer, and false otherwise. Assume that each Account object contains a reference to a dedicated ReentrantLock object. Sketch your answer below using pseudocode. Can you create a deadlock with multiple calls to transferFunds() in parallel?