Copyright (C) 2018, 2012, 2016 by Pearson Education Inc. All Rights Reserved, please visit www.pearsoned.com/permissions/.

EX.4.1.4, Sauer3

Let $m \ge n$, let A be the m-by-n identity matrix (i.e., the n first columns of the m-by-m identity matrix), and let b be a vector of length m. Find the least squares solution of Ax = b and the 2-norm error.