2.

c) 10x10 Hilbert
Accuracy of clgs = 1.1549e-16
Accuracy of mgs = 1.1146e-16
Orthogonality of clgs = 3.4621
Orthogonality of mgs = 2.3732e-04

d) 100x100 Hilbert
Accuracy of clgs = 5.9036e-16
Accuracy of mgs = 3.8537e-16
Orthogonality of clgs = 93.0612
Orthogonality of mgs = 3.9174

e) The accuracy scores of each of the algorithms are comparable, but we can tell especially from the orthogonality scores that the mgs algorithm is considerably more stable.