ECE 526 Distributed Algorithms Fall 2016
Homework 4

Due by 2 p.m., October 26, 2016

Type your answers. Submit via Compass2g. Total points: 20

1. (10 points) In Algorithm 32 on page 232 of the textbook, if we delete the check for "$s > seq$", will the algorithm work correctly? In particular, delete "if $s > seq$" from the pseudo-code, and keep the rest of the pseudo-code, including Algorithm 31 on page 231 unmodified.

    Justify your answer.

2. (10 points) Prove that consensus number of test&set is 2.