

Submission: Wednesday, October 20 at the beginning of class.  
Solution must be typed. No collaboration is allowed.

# Homework

1. Prove that the protocol is correct.  
i.e. that it satisfies the agreement, validity and termination (with probability 1) requirements.  
Termination means - for reaching a decision.  
Assume at most  $f$  Byzantine failures.

The communication is reliable FIFO unicast, although messages from different processes can arrive at different order to different processes.

2. (only 437) Modify the algorithm so that eventually, all non faulty processes halt.