Homework 4

1.	Voice voting is the method of casting a vote in the 'open air' for everyone present to hear. Which of the following security requirements do paper ballots satisfy better than voice voting? Check all that apply and give a brief explanation for your decision.
	□ Integrity
	□ Enfranchisement
	☐ Ballot secrecy
	□ Voter authentication
	□ Availability
2.	Explain how an attacker can use chain voting in order to influence the outcome of a poll using paper ballots.
3.	Which of the following mechanisms help with defending against chain voting? Check all that apply. Give a brief reason for each defence that mitigates chain voting attacks.
	\Box Using a glass ballot box to make it clear there are no ballots in the box before the start of the election.
	\square Distributing ballots publicly before the election.
	$\hfill\Box$ Checking that a voter's ID (drivers license, passport) matches the voter.
	☐ Each ballot has a unique ID. When a voter is given a ballot, the ID is recorded. When the voter submits his or her ballot, this ID is checked against the record.