

NAME :

Consider the polling of a number of independent voters, who are asked to vote against or in favor of a proposition.

The bias of each voter is represented by a float p , the probability that the voter will approve the proposition. Using the random function of the module `random`, if `random() < p`, then the voter with bias p approves, otherwise the voter disapproves.

Write the definition of a class `Voter`, inheriting from the `Thread` class. Each voter has a unique name: the string representation of an integer number in the range from zero to the number of voters minus one. This name is used as the index of the list to tally the votes. This list is a data attribute, shared between all voters. The vote of the i -th thread is stored as a Boolean value at the i -th position in the tally of votes.