A) We have an experiment, where we perform a trial, with probability of success .95 (probability of failure .05) repeatedly, until we get a failure. When we get a failure, we stop. What is the probability that the length of our experiment is 1, 2, ... trials?

B) Modify one of the given matlab programs to produce a graph of approximations to the above probabilities for 1, 2, 3, .... (You’ll find it in the discussions section of the moodle page.)