

CSC 220--- Fall 2020
Test #3 --- due by 8:00 am on 12/4/2020

Instructions on how to submit your answers:

Only your first submission will be graded, log into D2L and upload your submission under Test#3.

If your answers are typed: you will upload your submission file in D2L. If you decided to write down your answers, please take a picture of each page put all pages into one folder and upload the entire folder (you can also use zip utility, zip the folder and then upload the entire folder).

Name:

1. Find a regular expression to describe all bit strings that have at least three characters and the 3rd character is zero.
2. Provide a grammar for the following regular expression: 1.0^*
3. Construct a DFA to recognize all bit strings that contain at least three consecutive 1's (four states).