

CSC 220--- Fall 2020  
Homework #3 --- due by 8:00 am on 12/01/2020

Instructions on how to submit your answers:

Only your first submission will be graded, log into D2L and upload your submission under homework#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. Provide a regular expression for all bit strings that contain exactly two zeros.
2. Provide a regular expression for all bit strings where the length is at most three.
3. Provide a regular expression for all bit strings that end by at least two consecutive ones.
4. Provide a regular expression for all bit strings where the length is three and the first and the last bits are not the same.