Grading Guidelines for Assignments 5 and 6 (December 24)

Assignment 5 (Total Marks = 10):

- Output (binary marking: either 1 or 0 for each test case): 2 marks
  - Test case 1: First give n wrong and x correct, then give a correct x (=0.5) and n (= 5) (1 mark)
  - Test case 2: First give n correct and x wrong, then give a correct x (=0.7) and n (=7) (1 mark)
  - TAs should compute the correct values for the above final values
- Code (use your judgement for partial marks): 8 marks
  - Header in comment at beginning of program - No marks to be given for putting, but deduct 0.5 if not put (ok if they have put something, no correctness check needed, can make a comment if very wrong)
  - Reading in x and n correctly, including looping until correct – 2
    - Do-while loop is fine. Deduct 1 if they use a for loop instead of while even if correct
    - 1 mark for the loop condition and 1 mark for the scanf's inside the loop
  - For loop for computing sum – 1 mark
    - Give 0 for this part if for loop not used, even if correct
  - Computing the terms correctly in the second for loop – 2
    - Give 0.5 out of 2 if they computed factorial and power
  - Computing the sign correctly in the second for loop - 2
  - Taking sum (including initialization) and printing - 1

Assignment 6 (Total Marks = 10):

- Output (binary marking: either 1 or 0 for each test case): 2 marks
  - Test Case 1: AGtest90, should print zfsdrs01
  - Test case 2: 590PPchak09, should print 601oobgzj10
  - Mind the cases when giving the test cases, we wish to check all boundary conditions
- Code (use your judgement for partial marks): 8 marks
  - While loop for reading in the characters till '\n' – 2 marks
  - Checking for lowercase alphabet and changing and printing – 2 marks
  - Checking for uppercase alphabet and changing and printing – 2 marks
  - Checking for digits and changing and printing – 2 marks
  - For each of the last three checks,
    - it is ok if they used ascii codes directly. Also ascii code for digits was wrong in the helper slides, so ok if they have the wrong code
    - If anything is wrong, should not get more than 1 out of 2, So 1 is the max partial marks in each
    - Ok if they have used a switch statement correctly
  - IF THEY USED ARRAYS, DEDUCT 5 FROM WHATEVR THEY GET AT THE END