Grading Guidelines for Assignments 7 and 8 (December 31)

Assignment 7 (Total Marks = 10):

- Output (binary marking: either 1 or 0 for each test case): 2 marks
  - Test case 1: {10, 5, 10, 5, 20, 2, 5}, should print 10, 5, 20, 2 (1 mark)
  - Test case 2: {10, 20, 30, 40}, should print 10, 20, 30, 40 (1 mark)
- Code (use your judgement for partial marks): 8 marks
  - Reading in the array – 2 marks
  - Printing the array – 2 marks
  - Checking for duplicate – 4 marks
    - They can use any logic, not necessarily the one I gave, so mark as per your wisdom
    - Anything will have 2 loops, so maybe you can divide 2+2 for each
  - In general, grade leniently, performance was not very good

Assignment 8 (Total Marks = 10):

- Output (binary marking: either 1 or 0 for each test case): 2 marks
  - Test Case 1: S = abracadabra, p = 3, should print either "aca" or "ada" (give 0 if they print both)
  - Test case 2: S = abcdef, p = 2, should print "No palindrome of length 2" (or similar message)
  - Mind the cases when giving the test cases, we wish to check all boundary conditions
- Code (use your judgement for partial marks): 8 marks
  - Reading in with %s – 0.5 marks
  - Computing length correctly – 1.5 marks
  - Checking for palindrome – 6 marks
    - Outer loop to scan starting from each character (they can start from front or end of S) – 2 marks
    - Inner loop to check for palindromes of correct size – 3 marks
    - Printing correct message – 1 mark
    - Deduct 1 mark from whatever they get if they do not break after finding the first palindrome
  - IF THEY USED ANY OTHER ARRAY (OTHER THAN S) OR FUNCTIONS (EVEN strlen), GRADE AS ABOVE AND THEN DEDUCT 50% FROM WHATEVER THEY GET AT THE END