Problem Set for Day 10, 2.5

Engineering 104 - Fundamentals of Engineering Computing

Formatting, Organization & Code Comments - Complete the following problems in `Python` and include as part of the submission of the appropriate assignment. Your assignment file should include a proper heading, comments and show clear organizational structure with each problem clearly printed, separated and with each result variable clearly displayed. All problems worked should have a formatted/structured print-out. Print a string denoting each problem, with the solution to the problem clearly printed as a formatted string below the denoted problem. Separate each problem using a blank line in both the code and the printed results. Code comments should be completed throughout the file on every line of code by default. If this assignment requires you to write and submit additional auxiliary script, or any other files in the submission, please append your initials capitalized to the end of the file name.

Python, Lecture #10 Problems - Lists II (8 Points)

Problem 10.1 (2 Points) - *Use three different methods to remove* `'d'`, `'b'` *and* `'c'` *from the list:* `lst = ['a','b','c','d','e']`

Problem 10.2 (2 Points) - *Sort the numbers in* `lista = [54,45,3,24,67,89,100]` *from low-to-high and high-to-low. Print out the results for both.*

Problem 10.3 (2 Points) - *Define* `lstaa = ['1','b','3','d','5']` *and by accessing the list elements replace 1,3, and 5 with* a, c *and* e, *respectively. Also append the list by adding* f.

Problem 10.4 (2 Points) - *Create a new list of only the positive numbers in the following list,* `listaaa=[100,50,25,0,-25,-50,-100]`, *using the elements of the original list.*