

BMEEn 2401 Programming for Biomedical Engineers

Prep Assignment based on Lecture #5 – Due 11:00am 18-Sept-18

1. We will do a fair amount of optimization (i.e., selecting the best set of parameters to accomplish some goal) during the second half of the semester in our exploration of how programming works. For now, though, I want to produce a simple scoring algorithm. *RateMyProfessors.com* provides reviews of professors based on overall quality and level of difficulty, both on a 5-pt scale (the best professors and the hardest classes are scored 5.0). Suppose that Joe Student wants to take classes that are not too easy or too hard, and he wants only good professors. Design a program to convert the RateMyProfessors scores into a "Joe Student" score. Specifically,
 - a. What inputs are necessary?
 - b. What outputs will be provided?
 - c. What mathematical formula would you use to make the conversion?
 - d. Write a pseudo-code algorithm for the process.