

Homework 4

DS502/MA543

Your answers will be graded both on your **demonstrated understanding** of the concepts **from the book** and **from the class**, as well as the **clarity of your explanations**.

Please bring the written portion of your answers in **hard copy** to class on ***Thursday, April 9***. Please make sure that all team member names appear on the submission and that every submission is **stand-alone (i.e., does make the grader read or run your code)! and don't zip your files!** In addition, for any problem on which you write code, plus submit your code on canvas.wpi.edu. You will **not be graded your programming style**, but having access to your code will allow us to more easily give **partial credit**.

1. (10 points) Section 6.8, page 259, question 2
2. (20 points) Section 6.8, page 264, question 11 (Note, this question is quite open ended. You should think about questions like this as a small precursor to the final project. Be creative!)
3. (10 points) Section 7.9, Page 298, question 3
4. (10 points) Section 7.9, Page 298, question 4
5. (10 points) Section 7.9, Page 299, question 6
6. (20 points) Section 7.9, Page 299, question 7 (Note, this is another question that is quite open ended. Again, you should think about questions like this as a small precursors to the final project. Be creative!)
7. (10 points) Section 8.4, Page 332, question 1
8. (10 points) Section 8.4, Page 333-334, question 8