There are two parts to this discussion assignment.  Answer both in the same post. Once you post your own, you will be able to see others' posts and you need to comment on one.  This way you will check to see if you are in agreement.  There will be a video posted where I review the problem.

**Part 1**

Given the following set of data, bin them with equal width bins (choose how many) and then smooth the data by replacing each item with the median value of the bin.  Post which data go in which bins and a new list of the data after smoothing.

18, 8, 22, 10, 12, 5, 4, 32, 2, 9, 16, 25, 26, 28

**Part 2**

Normalize the same data above with three techniques: min-max (to range 10 to 20), standardization, and decimal scaling.  What value gets mapped to 0 in each case?  What are the min and max values after normalization with each?