Homework #1

Each of these problems would be extremely easy if you know Python, but if you are new to programming, you could easily spend 30 minutes on each one, trying things, looking at notes, etc. The class moves fairly quickly, and you need to absorb the material in each lesson as well as you can. If you have problems, I would encourage you to spend at least 30 minutes on each before giving up and asking someone for help.

✳ Come up with 2 different ways to generate a list of integers from 1 thru 10

✳ You have a list of numbers: x=[1,2,3,2,4,7,8,5,3]   Enter this expression to create the list 'x', then manipulate x to remove any redundant numbers in the list and sort the result. That is you should end up with [1,2,3,4,5,7,8].

✳ x="abracadabra"   Manipulate x so all of the letters in the string are sorted in alphabetical order, ie the answer should be "aaaaabbcdrr"

To turn in the homework, copy/paste your python session, or make a screenshot of the session showing what you did, before next class. If you're auditing, you may turn in the homework if you like, but we will go over the solution at the beginning of next class.