1. Problems from Text: 6.5

2. An example in: PRETENDING TO BE AN UNDERGRADUATE RESEARCHER II

Professor X comes to you and wants you to read in the data from his CCD system located in Huancayo, Peru. He wants you to "look at the data", and make a presentation to him in one week of what is going on in the data set. HAVE AT IT!

a) List 3 different brands of CCD, and their prices.
b) Where is Huancayo, Peru, and why would that location be of any interest?
c) Download the "image.fits" files from the website.
d) Once you have your CCD data file, read it into Python.
e) Compute the mean background and its standard deviation
f)   Make a professional quality contour plot of the 2D data set
g) Print out and hand in your code.