- 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!

Due: 4/23/24

- 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.