**Day 5: Challenge**

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Earlier, we looked at pH from the JMA ocean product. This afternoon, you need to plot and compare sea surface temperature data from the hadISST and JMA data products.

Please focus on answering the following questions:

* How do SSTs change in both data products from 1985 to 2010? (make sure to use a colormap that shows changes clearly)
  + Hint: you can simply subtract the 1985 values from 2010 to see the change
* How do SSTs compare between each data product?
  + Hint: Data is gridded differently, so make global maps to compare!
* What regions show the largest differences in SSTs between the data products?
  + Hint: look qualitatively
* Plot seasonal maps for both datasets from the years 2000-2005 and compare.
  + Hint: use the ‘groupby’ function we discusses in class

\*Remember to start your new notebook with markdown text explaining the goals include comments