CS 185C Lecture 11-2 Handout

Today's class will serve as a checkpoint to ensure you have the pertinent files for your model that we have created in class and in homework assignments so far.

The list of files you should have so far is as follows:

code directory (should be pushed to Github in your project directory)
- ☐ DIAGNOSTICS_SIZE.h
- ☐ SIZE.h
- ☐ packages.conf

input directory (should NOT be pushed to Github)
- ☐ bathymetry file
- ☐ ETAN initial condition file
- ☐ THETA initial condition file
- ☐ SALT initial condition file
- ☐ UVEL initial condition file
- ☐ VVEL initial condition file

exf subdirectory
- ☐ Air temperature file (ATEMP)
- ☐ Specific Humidity file (AQH)
- ☐ Longwave downwelling radiation file (LWDOWN)
- ☐ Shortwave downwelling radiation file (SWDOWN)
- ☐ Zonal wind file (UWIND)
- ☐ Meridional wind file (VWIND)
- ☐ Precipitation file (PRECIP)

namelist directory (should be pushed to Github in your project directory)
- ☐ data
- ☐ data.cal
- ☐ data.diagnostics
- ☐ data.exf
- ☐ data.pkg

Notes:
- The data and SIZE.h files should reflect your model grid dimensions
- The data file should reflect the names of your initial condition files
- The data.cal and data.exf files should reflect the dates your model will be run
- Your data.diagnostics file should have a list of the outputs you will use to answer your science question
- The packages.conf and data.pkg files should reflect the packages we have included so far