```
In [2]: import arcpy
import requests
import io
import os
import zipfile

In [4]: #arcpy.env.workspace = r'G:\My Drive\GIS 5571\Lab2.2\Lab2.2\Lab2.gdb'
#working_dir = r'G:\My Drive\GIS 5571\Lab2.2\Lab2.2\Lab2.gdb'
```

Bring in Data

Conversions

```
In [ ]: #Create Mosaic
#arcpy.management.CreateMosaicDataset(r"G:\My Drive\GIS 5571\Lab2.2\Lab2.2\Lab
2.gdb", "PRISM_Mosaic", 'GEOGCS["GCS_North_American_1983",DATUM["D_North_Ameri
can_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.
0],UNIT["Degree",0.0174532925199433]]', None, '', "NONE", None)
```

10/20/22, 9:45 AM New Notebook (2)

```
In [ ]: | #Make Multidimensional Raster Layer
        #in_multidimensional_raster = r"G:\My Drive\GIS 5571\Lab2.2\lab2.2\lab2\PRISM_
        Mosi.crf"
        #out_multidimensional_raster_layer = r"G:\My Drive\GIS 5571\Lab2.2\lab2.2\lab2
        \PRISM_Multi.crf"
        #variables = "Value"
        #dimension_def = "BY_ITERATION"
        #dimension = "StdTime"
        #start_of_first_iteration = "PRISM_ppt_30yr_normal_4kmM3_01_bil"
        #end_of_first_iteration = "PRISM_ppt_30yr_normal_4kmM3_annual_bil"
        #iteration_step = "1"
        #iteration unit = "YEARS"
        #template = "120.084279939743 0.914964278021376 139.524470909773 21.1231086159
        414"
        #arcpy.md.MakeMultidimensionalRasterLayer(
                 in multidimensional raster, out multidimensional raster layer,
        #
                 variables, dimension def, dimension, start of first iteration,
                 end of first iteration, iteration step, iteration unit, template)
```

Export

```
In [ ]: #Export as GIF
#Lyt = aprx.listLayouts("PRISM_Space_Time*")[0]
#Lyt.exportToGIF(r"G:\My Drive\GIS 5571\Lab2.2\Output\PRISM_Space_Time.gif")
```