

Python seminar Homework for Chap. 7.2 No.2

1. Please plot the climatological sea surface temperature based on the WOA 2018 data.

WOA2018 data can be available from

<https://www.ncei.noaa.gov/access/world-ocean-atlas-2018/>

Please draw a map for climatological data.

To read the netcdf file, following commands can be applied.

```
file_name = "woa18_decav_t00_01.nc"  
nc = netCDF4.Dataset(file_name, 'r', format='NETCDF4')
```

To see the variables in a netcdf file, the following commands are helpful.

```
print(nc.dimensions)  
print(nc.variables)
```

