

## Python seminar Homework for Chap. 5.1

1. Please plot vertical section of CTD data around Tsushima Island which was observed on the cruise KS-20-13. The data is in Tsushima\_ctd.zip  
 There are 10 CTD data at "B01", "B02", "B03", "B04", "B05", "B06", "B07", "B08", "B09", "A06".

In the Each, the format is

```

B01          #station name
    2020  8  27 #year, month, date
    23   20     #hour, minute
    34 12.30 N #latitude degree minute
    129 24.78 E #longitude degree minute
    93        #total data depth
    97.00     #maximum depth
SHINSEI-MARU #ship name
    3         #1:XBT, 2:CTD, 3:CTD-DO
    0.0000  27.0907  31.9432  4.5846
    (pressure, temperature, salinity, dissolved oxygen)
    
```

The example includes potential temperature and potential density, but the is not need to draw them.

