Homework

(1) Take the airline-passengers.csv data and generate a graph with
   (a) the original data
   (b) the yearly passenger volume
   (c) a linear function that best fits the volume data using linear regression
   (d) the yearly passenger data as a mean of the preceding, the current, and the following year.
(2) Use the Chenai temperature data to recreate the graph of the daily temperatures in Celsius. Notice that you will have to replace the default value of -99 if the measurement was not available. Then
   (a) Create rolling window averages for 10 days, 20 days, 30 days.
   (b) Obtain similar data from a city of your choice and do the same.