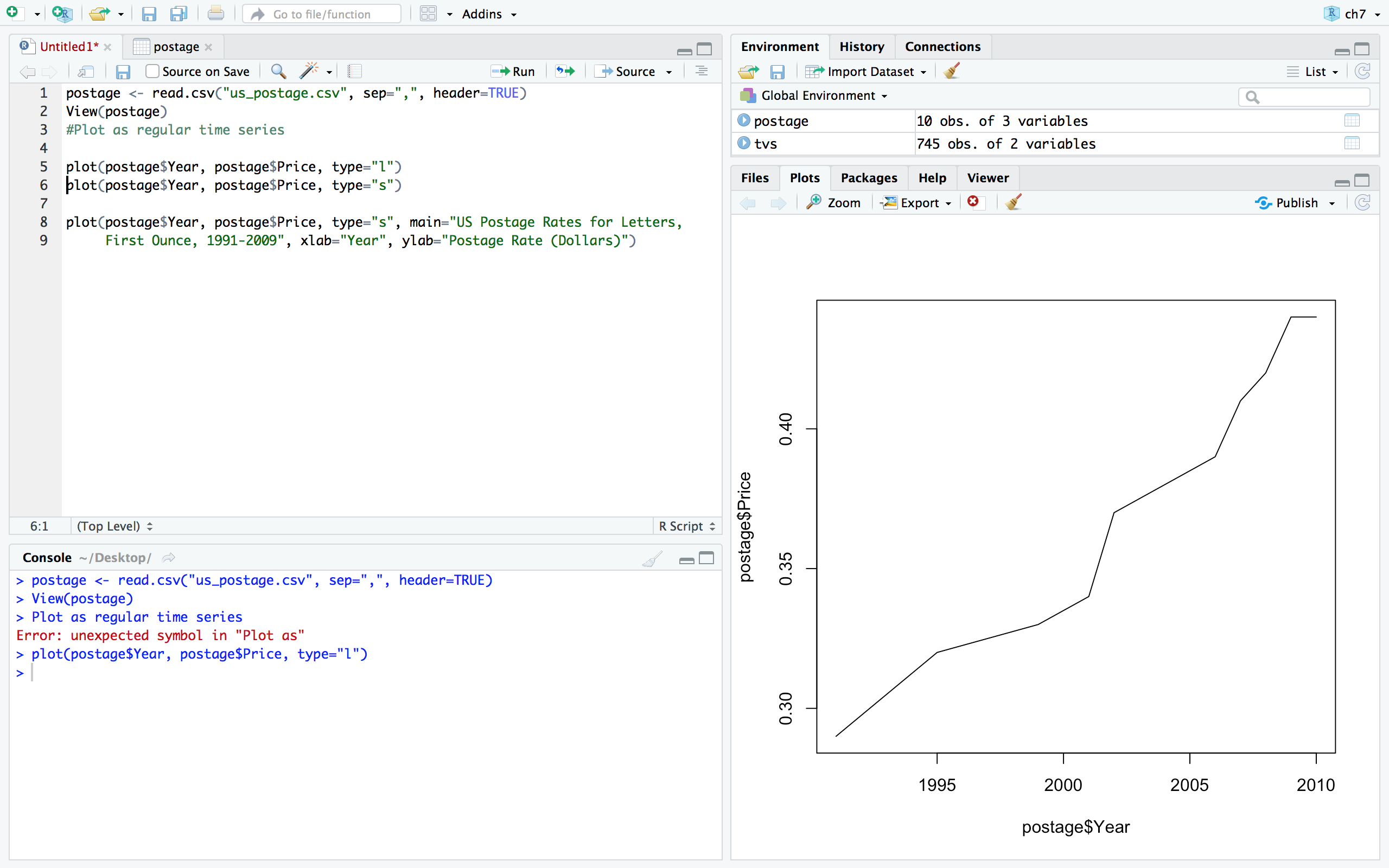
**Statistics 6610**

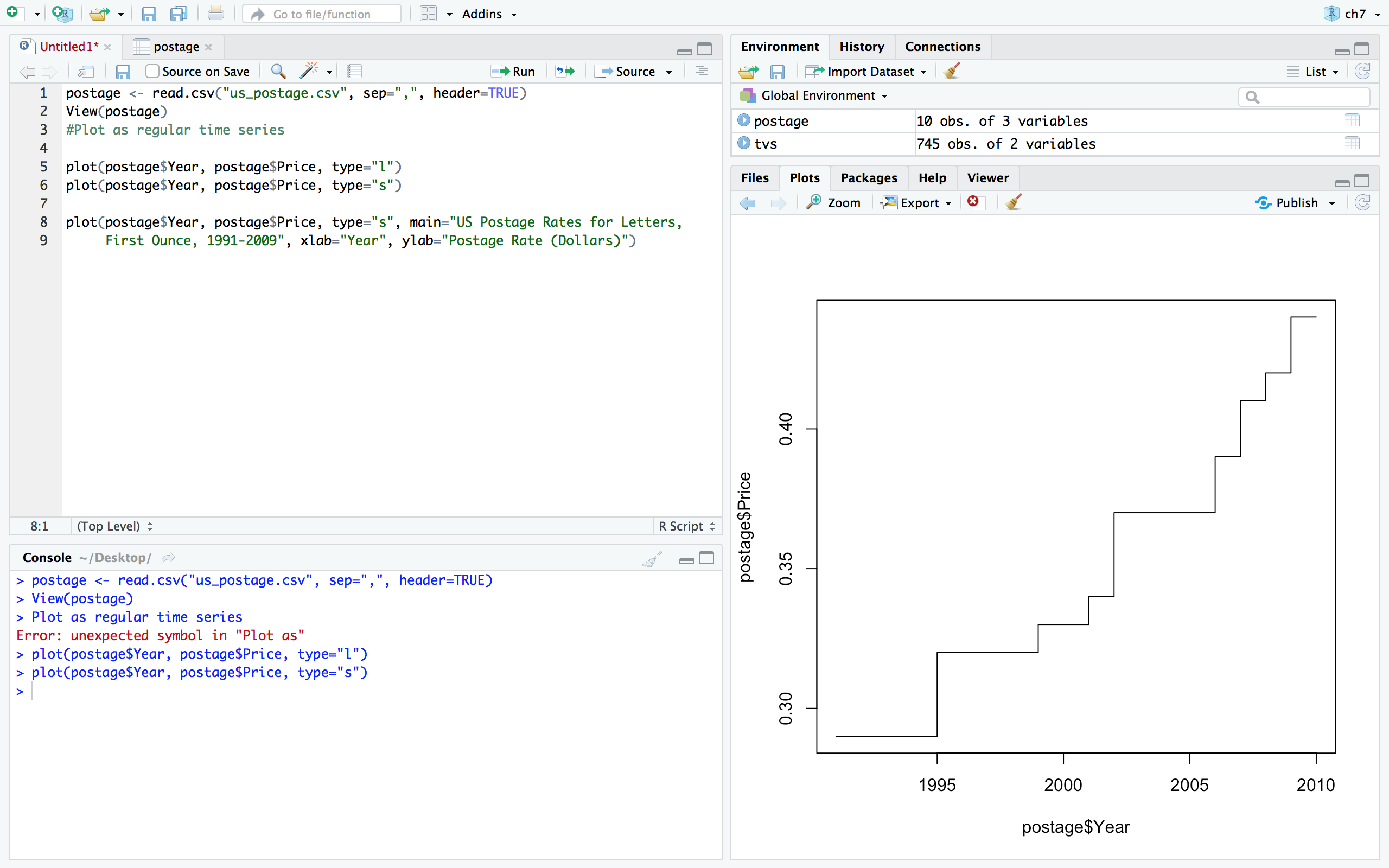
**Homework 5**

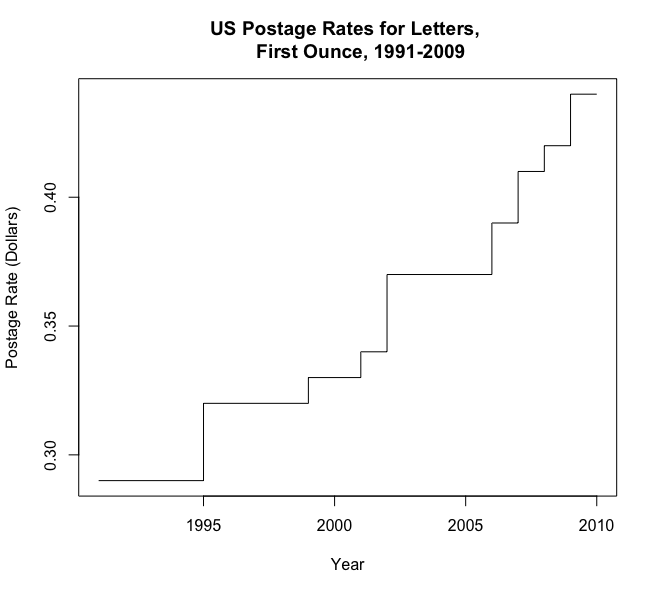
**Surabhi Asati**

Run the code from the Activities 4 through 6 from Week 7. See the [TimeSeries2](http://www.sci.csueastbay.edu/~esuess/classes/Statistics_6610/viz/viz8/TimeSeries2.html#/) presentation. Show a final visualization(s) that you have created for each activity in your homework document.

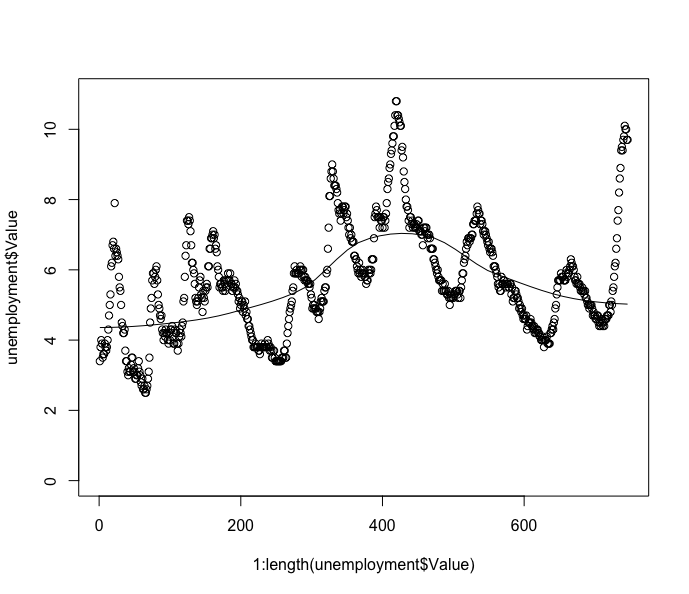
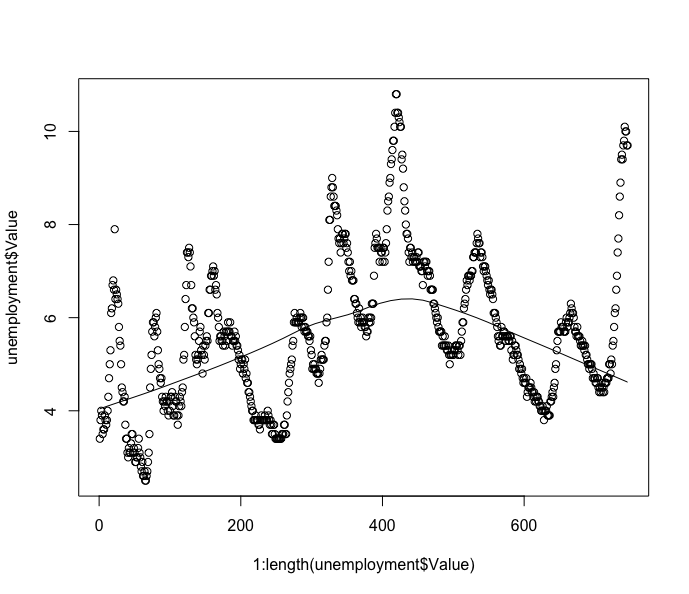
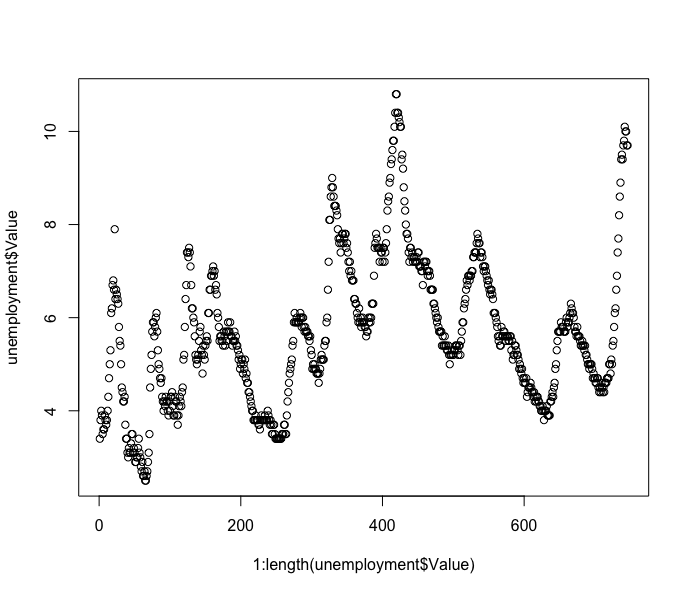
**Activity 4:**



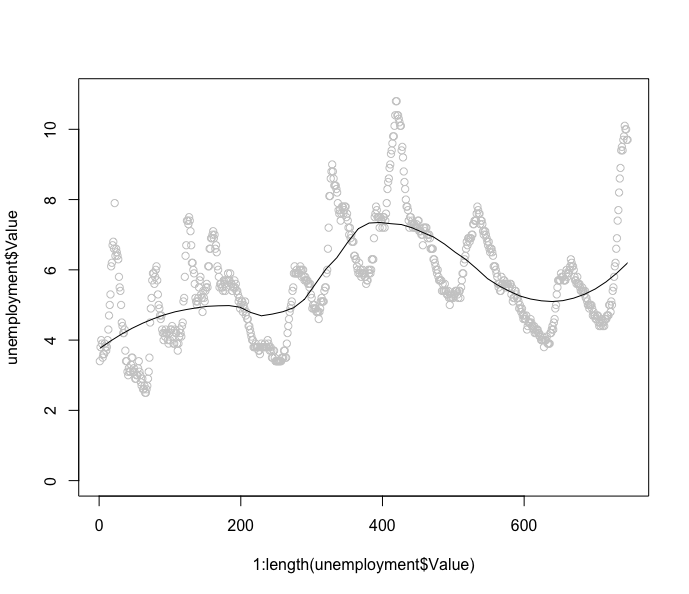




**Activity 5:**

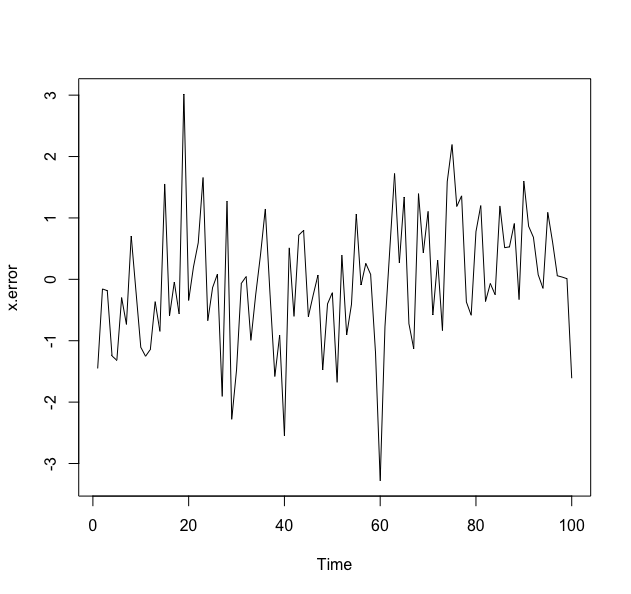


Fitted LOESS curve with less smoothness and higher degree polynomial:

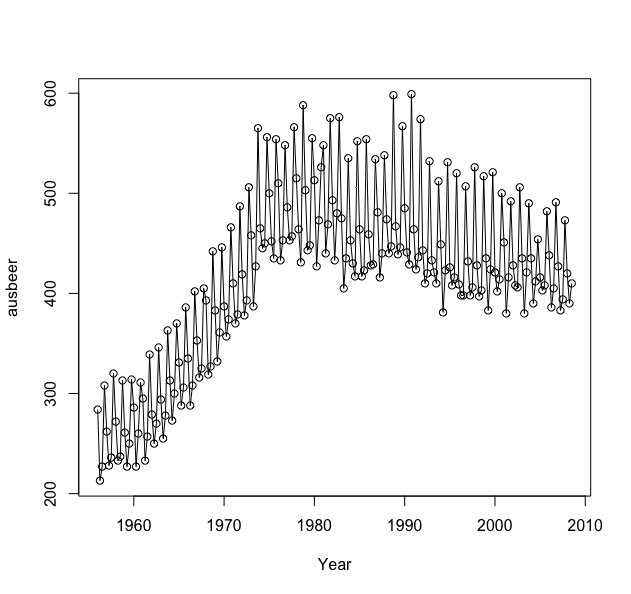


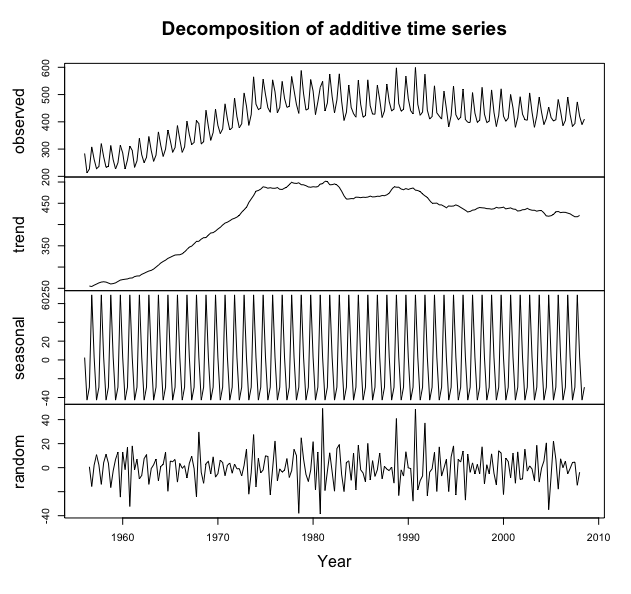
**Activity 6:**

**Johnson & Johnson stock price with R**



**Additive Decomposition:**





**Multiplicative decomposition**