Basic R commands for plotting a time series

```r
> births <- scan("C:/Users/Owner/Desktop/birth.dat")
> births <- ts(births)
> plot(births)
```
births=scan("C:/Users/Owner/Desktop/birth.dat")  # You can also use read.table instead of scan
births = ts(births, frequency = 12, start = 1948)
plot(births, ylab="US births")
births = read.table("C:/Users/Owner/Desktop/birth.dat")
births = ts(births, frequency = 12, start = 1948)
plot(births, ylab="US births")
births=scan("C:/Users/Owner/Desktop/birth.dat")  # You can also use read.table instead of scan
births = ts(births, frequency = 12, start = 1948)

ma = filter(births, sides=2, c(.5, rep(1,11), .5)/12)  # 12 pt moving average
par(mfrow=c(2,1))  # A 2 by 1 panel of plots
plot(births, main="births")
plot(ma, ylim=c(min(births),max(births)), main="moving average")
births=scan("C:/Users/Owner/Desktop/birth.dat")  # You can also use read.table instead of scan
births = ts(births, frequency = 12, start = 1948)
ma = filter(births, sides=2, c(.5, rep(1,11), .5)/12)  # 12 pt moving average
par(mfrow=c(2,1))  # A 2 by 1 panel of plots
ts.plot(births, ma, lty=2:1, col=1:2, lwd=1:2, main="births with moving average superimposed")
residuals = births - ma
plot(residuals, main = "residuals from moving average")