In this class there will be occasions when you need to enter data into R. This can be done in several different ways, depending on how the data are formatted.

For the first example I have created an R object, a matrix with 597 rows and three columns that I called glen. To get it into your working R directory you need to do the following.

```
> library("RCurl")
> load(url("http://users.stat.umn.edu/~gmeeden/classes/5201/datasets/glen.rda"))
```

Now you can use the standard R commands on the matrix *glen*.

```
> dim(glen)

[1] 597    3

> glen[1:5,]

      sales    tax zip
[1,]   50.1 1.812    2
[2,]   50.0 1.176    1
[3,]   53.0 1.288    2
[4,]   55.0 0.976    1
[5,]   57.0 1.040    2

> apply(glen,2,mean)

     sales        tax        zip
266.201548   4.217985   1.502513
```

The data sets which come with the text are password protected. To enter these into your working directory you do the following for the data contained in agsrs.txt, for example. This is a table which contains entries which are both numbers and letters. It is not an R object. But you can enter it into R, then turn it into an R object which you can then work with by doing the following.

```
library("RCurl")
x<-getURL("http://users.stat.umn.edu/~gmeeden/classes/5201/lohrdata/agsrs.txt",
          userpw ="username:password")
myData<-read.table(textConnection(x), header=T)
myData[1,]
```

You must use the username and password which will be given to you in class.